

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### SHAPING

## B29 WORKING OF PLASTICS; WORKING OF SUBSTANCES IN A PLASTIC STATE IN GENERAL

(NOTES omitted)

## B29K INDEXING SCHEME ASSOCIATED WITH SUBCLASSES [B29B](#), [B29C](#) OR [B29D](#), RELATING TO MOULDING MATERIALS OR TO MATERIALS FOR {**MOULDS**, } REINFORCEMENTS, FILLERS OR PREFORMED PARTS, e.g. INSERTS

### NOTES

1. This subclass constitutes an indexing scheme associated with subclasses [B29B](#), [B29C](#) or [B29D](#).
2. In this subclass, the following term is used with the meaning indicated: "rubber" covers: natural or conjugated diene rubbers; rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for such macromolecular compounds)
3. Documents relating to compositions or properties of the materials to be shaped, said compositions having a particular influence on the shaping technique, should be classified in the shaping technique, e.g. [B29C 39/003](#), [B29C 41/003](#), [B29C 43/003](#), [B29C 45/0001](#), [B29C 48/022](#), [B29C 49/0005](#), [B29C 51/002](#), [B29C 53/005](#), [B29C 55/005](#), [B29C 61/003](#) and [B29C 63/0017](#). Copolymers are indexed with the same indexing code as the majority polymers
4. Copolymers are indexed with the same indexing code as the majority polymers
5. Compositions for moulding materials, condition, form or state of moulded material: [B29K 2001/00](#) - [B29K 2105/00](#)
6. Compositions for reinforcements: [B29K 2201/00](#) - [B29K 2313/00](#)
7. Compositions for fillers: [B29K 2401/00](#) - [B29K 2511/00](#)
8. Compositions for preformed parts: [B29K 2601/00](#) - [B29K 2713/00](#)
9. Compositions for moulds: [B29K 2801/00](#) - [B29K 2913/00](#)
10. Properties of moulding materials, reinforcements, fillers, preformed parts or moulds: [B29K 2995/00](#)

### WARNING

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

<a href="#">B29K 105/22</a>	covered by	<a href="#">B29K 2705/00</a>
<a href="#">B29K 105/28</a>	covered by	<a href="#">B29K 2995/0025</a>
<a href="#">B29K 105/30</a>	covered by	<a href="#">B29K 2995/003</a>
<a href="#">B29K 105/32</a>	covered by	<a href="#">B29K 2995/0026</a>
<a href="#">B29K 105/34</a>	covered by	<a href="#">B29K 2995/002</a> , <a href="#">B29K 2995/0007</a> , and <a href="#">B29K 2995/0015</a>

**2001/00** Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as moulding material

2001/08 . {Cellulose derivatives}

2001/12 . . {Cellulose acetate}

2001/14 . . {Cellulose acetate-butyrate}

2001/18 . . {Cellulose nitrate}

**2003/00** Use of starch or derivatives as moulding material

**2005/00** Use of polysaccharides or derivatives as moulding material

**2007/00** Use of natural rubber as moulding material

**2009/00** Use of rubber derived from conjugated dienes, as moulding material

2009/06 . SB polymers, i.e. butadiene-styrene polymers

**2011/00** Use of rubber derived from chloroprene as moulding material

**2019/00** Use of rubber not provided for in a single one of main groups {[B29K 2007/00](#) - [B29K 2011/00](#),} as moulding material

**2021/00** Use of unspecified rubbers as moulding material

2021/003 . {Thermoplastic elastomers}

2021/006 . {Thermosetting elastomers}

**2023/00** Use of polyalkenes {or derivatives thereof} as moulding material

2023/04 . {Polymers of ethylene}

2023/06 . . {PE, i.e. polyethylene}

2023/0608 . . . {characterised by its density}

2023/0616 . . . . {VLDPE, i.e. very low density polyethylene}

2023/0625 . . . . {LLDPE, i.e. linear low density polyethylene}

- 2023/0633 . . . . {LDPE, i.e. low density polyethylene}
- 2023/0641 . . . . {MDPE, i.e. medium density polyethylene}
- 2023/065 . . . . {HDPE, i.e. high density polyethylene}
- 2023/0658 . . . {characterised by its molecular weight}
- 2023/0666 . . . . {ULMWPE, i.e. ultra low molecular weight polyethylene}
- 2023/0675 . . . . {HMWPE, i.e. high molecular weight polyethylene}
- 2023/0683 . . . . {UHMWPE, i.e. ultra high molecular weight polyethylene}
- 2023/0691 . . . {PEX, i.e. crosslinked polyethylene}
- 2023/08 . . {Copolymers of ethylene (B29K 2023/16 takes precedence)}
- 2023/083 . . . {EVA, i.e. ethylene vinyl acetate copolymer}
- 2023/086 . . . {EVOH, i.e. ethylene vinyl alcohol copolymer}
- 2023/10 . . {Polymers of propylene}
- 2023/12 . . {PP, i.e. polypropylene}
- 2023/14 . . {Copolymers of polypropylene (B29K 2023/16 takes precedence)}
- 2023/16 . . {EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers}
- 2023/18 . . {Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene, e.g. PB, i.e. polybutylene}
- 2023/22 . . {Copolymers of isobutene, e.g. butyl rubber}
- 2023/38 . . {Polymers of cycloalkenes, e.g. norbornene or cyclopentene}
- 2025/00 Use of polymers of vinyl-aromatic compounds {or derivatives thereof} as moulding material**
- 2025/04 . . {Polymers of styrene}
- 2025/06 . . {PS, i.e. polystyrene}
- 2025/08 . . {Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene (B29K 2055/02 takes precedence)}
- 2027/00 Use of polyvinylhalogenides {or derivatives thereof} as moulding material**
- 2027/06 . . PVC, i.e. polyvinylchloride
- 2027/08 . . {PVDC, i.e. polyvinylidene chloride}
- 2027/12 . . containing fluorine
- 2027/14 . . {PVF, i.e. polyvinyl fluoride}
- 2027/16 . . {PVDF, i.e. polyvinylidene fluoride}
- 2027/18 . . PTFE, i.e. polytetrafluorethene {, e.g. ePTFE, i.e. expanded polytetrafluorethene}
- 2029/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals {or derivatives thereof} as moulding material**
- 2029/04 . . {PVOH, i.e. polyvinyl alcohol (B29K 2031/04 takes precedence)}
- 2029/14 . . {Polyvinylacetals}
- 2031/00 Use of polyvinylesters {or derivatives thereof} as moulding material**
- 2031/04 . . {Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate}
- 2033/00 Use of polymers of unsaturated acids or derivatives thereof as moulding material {B29K 2035/00 takes precedence}**
- 2033/04 . . Polymers of esters
- 2033/08 . . {Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate}
- 2033/12 . . {Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate}
- 2033/18 . . Polymers of nitriles
- 2033/20 . . PAN, i.e. polyacrylonitrile
- 2033/26 . . {Polymers of acrylamide or methacrylamide}
- 2035/00 Use of polymers of unsaturated polycarboxylic acids {or derivatives thereof} as moulding material**
- 2039/00 Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof as moulding material**
- 2039/06 . . Polymers of N-vinyl-pyrrolidones
- 2039/08 . . Polymers of vinyl-pyridine
- 2045/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins or derivatives thereof, as moulding material**
- 2049/00 Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as moulding material**
- 2055/00 Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups {B29K 2023/00 - B29K 2049/00, e.g. having a vinyl group}, as moulding material**
- 2055/02 . . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers
- 2059/00 Use of polyacetals {, e.g. POM, i.e. polyoxymethylene or derivatives thereof}, as moulding material**
- 2061/00 Use of condensation polymers of aldehydes or ketones {or derivatives thereof}, as moulding material**
- 2061/04 . . Phenoplasts
- 2061/20 . . Aminoplasts
- 2063/00 Use of {EP, i.e.} epoxy resins {or derivatives thereof}, as moulding material**
- 2065/00 Use of polyphenylenes or polyxylylenes as moulding material**
- 2067/00 Use of polyesters {or derivatives thereof}, as moulding material**
- 2067/003 . . {PET, i.e. poylethylene terephthalate}
- 2067/006 . . {PBT, i.e. polybutylene terephthalate}
- 2067/04 . . {Polyesters derived from hydroxycarboxylic acids}
- 2067/043 . . {PGA, i.e. polyglycolic acid or polyglycolide}
- 2067/046 . . {PLA, i.e. polylactic acid or polylactide}
- 2067/06 . . {Unsaturated polyesters}
- 2069/00 Use of PC, i.e. polycarbonates {or derivatives thereof}, as moulding material**
- 2071/00 Use of polyethers {, e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof}, as moulding material**
- 2071/02 . . {Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide, or derivatives thereof}

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- 2071/12 . {PPO, i.e. polyphenylene oxide; PPE, i.e. polyphenylene ether}
  - 2073/00 Use of other polymers having oxygen as the only hetero atom in the main chain, as moulding material**
  - 2075/00 Use of {PU, i.e.} polyureas or polyurethanes {or derivatives thereof}, as moulding material**
  - 2075/02 . {Polyureas}
  - 2077/00 Use of {PA, i.e.} polyamides, e.g. polyesteramides {or derivatives thereof}, as moulding material**
  - 2077/10 . {Aromatic polyamides [polyaramides] or derivatives thereof}
  - 2079/00 Use of polymers having nitrogen, with or without oxygen or carbon only, in the main chain {, not provided for in groups B29K 2061/00 - B29K 2077/00}, as moulding material**
  - 2079/08 . {PI, i.e. polyimides or derivatives thereof}
  - 2079/085 . . {Thermoplastic polyimides, e.g. polyesterimides, PEI, i.e. polyetherimides, or polyamideimides; Derivatives thereof}
  - 2081/00 Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as moulding material**
  - 2081/04 . {Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof}
  - 2081/06 . {PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof}
  - 2083/00 Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as moulding material**
  - 2083/005 . {LSR, i.e. liquid silicone rubbers, or derivatives thereof}
  - 2085/00 Use of polymers having elements other than silicon, {sulfur,} nitrogen, oxygen or carbon only in the main chain, as moulding material**
  - 2086/00 Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups {B29K 2059/00 - B29K 2085/00}, as moulding material**
  - 2089/00 Use of proteins, e.g. casein, gelatine or derivatives thereof, as moulding material**
  - 2091/00 Use of waxes as moulding material**
  - 2093/00 Use of natural resins, e.g. shellac, or derivatives thereof, as moulding material (B29K 2001/00, B29K 2003/00, B29K 2005/00, B29K 2007/00 and B29K 2089/00 take precedence)**
  - 2095/00 Use of bituminous materials as moulding material**
  - 2096/00 Use of specified macromolecular materials not provided for in a single one of main groups B29K 2001/00 - B29K 2095/00, as moulding material**
  - 2096/005 . {Ionomers}
  - 2096/02 . Graft polymers
  - 2096/04 . Block polymers
  - 2101/00 Use of unspecified macromolecular compounds as moulding material {use of unspecified rubbers B29K 2021/00}**
  - 2101/10 . Thermosetting resins
  - 2101/12 . Thermoplastic materials
  - 2103/00 Use of resin-bonded materials as moulding material**
  - 2103/04 . Inorganic materials
  - 2103/06 . . Metal powders, metal carbides or the like
  - 2103/08 . . Mineral aggregates, e.g. sand, clay or the like
  - 2105/00 Condition, form or state of moulded material {or of the material to be shaped}**
  - 2105/0002 . {monomers or prepolymers}
  - 2105/0005 . {containing compounding ingredients (releasing, lubricating or separating agents B29C 33/56, fibers B29K 2105/08, B29K 2105/12; fillers B29K 2105/16, recycled material B29K 2105/26)}
  - 2105/0008 . . {Anti-static agents}
  - 2105/0011 . . {Biocides}
  - 2105/0014 . . {Catalysts}
  - 2105/0017 . . {Agents activating degradation}
  - 2105/002 . . {Agents changing electric characteristics}
  - 2105/0023 . . . {improving electric conduction}
  - 2105/0026 . . {Flame proofing or flame retarding agents}
  - 2105/0029 . . {Perfuming, odour masking or flavouring agents}
  - 2105/0032 . . {Pigments, colouring agents or opacifying agents}
  - 2105/0035 . . {Medical or pharmaceutical agents}
  - 2105/0038 . . {Plasticisers}
  - 2105/0041 . . {Anti-odorant agents, e.g. active carbon}
  - 2105/0044 . . {Stabilisers, e.g. against oxydation, light or heat}
  - 2105/0047 . . {Agents changing thermal characteristics}
  - 2105/005 . . . {Heat sensitisers or absorbers}
  - 2105/0052 . . {Tracing elements, e.g. to detect the origin of articles}
  - 2105/0055 . {Gaseous}
  - 2105/0058 . {Liquid or visquous}
  - 2105/0061 . . {Gel or sol}
  - 2105/0064 . . {Latex, emulsion or dispersion}
  - 2105/0067 . . {Melt}
  - 2105/007 . . {Paste, dough}
  - 2105/0073 . . {Solution}
  - 2105/0076 . {Microcapsules}
  - 2105/0079 . {Liquid crystals}
  - 2105/0082 . {Plasma}
  - 2105/0085 . {Copolymers}
  - 2105/0088 . {Blends of polymers}
  - 2105/0091 . . {IPN, i.e. interpenetrating polymer networks}
  - 2105/0094 . {having particular viscosity}
  - 2105/0097 . {Glues or adhesives, e.g. hot melts or thermofusible adhesives}
  - 2105/02 . heat shrinkable {(B29K 2995/0049 takes precedence)}
- WARNING**
- Group [B29K 2105/02](#) is impacted by reclassification into group [B29K 2995/0049](#). Groups [B29K 2105/02](#) and [B29K 2995/0049](#) should be considered in order to perform a complete search.
- 2105/04 . cellular or porous

**B29K**

- 2105/041 . . {Microporous}
- 2105/043 . . {Skinned foam}
- 2105/045 . . {with open cells}
- 2105/046 . . {with closed cells}
- 2105/048 . . {Expandable particles, beads or granules}
- 2105/06 . containing reinforcements, fillers or inserts
- 2105/065 . . {containing impurities}
- 2105/08 . . of continuous length, e.g. cords, rovings, mats, fabrics, strands or yarns
- 2105/0809 . . . {Fabrics}
- 2105/0818 . . . . {Fleece}
- 2105/0827 . . . . {Braided fabrics}
- 2105/0836 . . . . {Knitted fabrics}
- 2105/0845 . . . . {Woven fabrics}
- 2105/0854 . . . {in the form of a non-woven mat}
- 2105/0863 . . . . {SMC, i.e. sheet moulding compound}
- 2105/0872 . . . {Prepregs}
- 2105/0881 . . . . {unidirectional}
- 2105/089 . . . . {fabric}
- 2105/10 . . . {Cords, strands or rovings, e.g.} oriented {cords, strands or rovings}
- 2105/101 . . . . {Oriented}
- 2105/102 . . . . . {circumferentially}
- 2105/103 . . . . . {helically}
- 2105/105 . . . . . {uni directionally}
- 2105/106 . . . . . {longitudinally}
- 2105/107 . . . . . {transversally, i.e. perpendicular to the 2D reinforcement direction}
- 2105/108 . . . . . {arranged in parallel planes and crossing at substantial angles ([B29K 2105/206](#) takes precedence)}
- 2105/12 . . of short lengths, e.g. chopped filaments, staple fibres or bristles
- 2105/122 . . . {microfibres or nanofibers}
- 2105/124 . . . . {Nanofibers}
- 2105/126 . . . {Whiskers, i.e. reinforcement in the form of monocystals}
- 2105/128 . . . {in the form of a mat}
- 2105/14 . . . oriented
- 2105/145 . . . . {and crossing at substantial angles}
- 2105/16 . . Fillers
- 2105/162 . . . {Nanoparticles}
- 2105/165 . . . {Hollow fillers, e.g. microballoons or expanded particles}
- 2105/167 . . . . {Nanotubes}
- 2105/18 . . . oriented
- 2105/20 . . Inserts
- 2105/203 . . . {Magnetic parts}
- 2105/206 . . . {Meshes, lattices or nets}
- 2105/24 . . crosslinked or vulcanised
- 2105/243 . . {Partially cured}
- 2105/246 . . {Uncured, e.g. green}
- 2105/25 . . {Solid}
- 2105/251 . . . {Particles, powder or granules ([expandable particles B29K 2105/046](#))}
- 2105/253 . . . {Preform}
- 2105/255 . . . {Blocks or tablets}
- 2105/256 . . . {Sheets, plates, blanks or films}
- 2105/258 . . . {Tubular}
- 2105/26 . . Scrap {or recycled material}
- 2201/00** Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as reinforcement
- 2201/08 . . {Cellulose derivatives}
- 2201/12 . . . {Cellulose acetate}
- 2201/14 . . . {Cellulose acetate-butyrate}
- 2201/18 . . . {Cellulose nitrate}
- 2203/00** Use of starch or derivatives as reinforcement
- 2205/00** Use of polysaccharides or derivatives as reinforcement
- 2207/00** Use of natural rubber as reinforcement
- 2209/00** Use of rubber derived from conjugated dienes as reinforcement
- 2209/06 . . SB polymers, i.e. butadiene-styrene polymers
- 2211/00** Use of rubber derived from chloroprene as reinforcement
- 2219/00** Use of rubber not provided for in a single one of main groups ([B29K 2207/00](#) - [B29K 2211/00](#)), as reinforcement
- 2221/00** Use of unspecified rubbers as reinforcement
- 2221/003 . . {Thermoplastic elastomers}
- 2221/006 . . {Thermosetting elastomers}
- 2223/00** Use of polyalkenes {or derivatives thereof} as reinforcement
- 2223/04 . . {Polymers of ethylene}
- 2223/06 . . . {PE, i.e. polyethylene}
- 2223/0608 . . . . {characterised by its density}
- 2223/0616 . . . . . {VLDPE, i.e. very low density polyethylene}
- 2223/0625 . . . . . {LLDPE, i.e. linear low density polyethylene}
- 2223/0633 . . . . . {LDPE, i.e. low density polyethylene}
- 2223/0641 . . . . . {MDPE, i.e. medium density polyethylene}
- 2223/065 . . . . . {HDPE, i.e. high density polyethylene}
- 2223/0658 . . . . {characterised by its molecular weight}
- 2223/0666 . . . . . {ULMWPE, i.e. ultra low molecular weight polyethylene}
- 2223/0675 . . . . . {HMWPE, i.e. high molecular weight polyethylene}
- 2223/0683 . . . . . {UHMWPE, i.e. ultra high molecular weight polyethylene}
- 2223/0691 . . . . {PEX, i.e. crosslinked polyethylene}
- 2223/08 . . . {Use of copolymers of ethylene as reinforcement ([B29K 2223/16](#) takes precedence)}
- 2223/083 . . . . {EVA, i.e. ethylene vinyl acetate copolymer}
- 2223/086 . . . . {EVOH, i.e. ethylene vinyl alcohol copolymer}
- 2223/10 . . . {Polymers of propylene}
- 2223/12 . . . {PP, i.e. polypropylene}
- 2223/14 . . . . {Copolymers of polypropylene ([B29K 2023/16](#) takes precedence)}
- 2223/16 . . . . {EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers}
- 2223/18 . . . . {Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene, e.g. PB, i.e. polybutylene}
- 2223/22 . . . . {Copolymers of isobutene, e.g. butyl rubber}
- 2223/38 . . . . {Polymers of cycloalkenes, e.g. norbornene or cyclopentene}
- 2225/00** Use of polymers of vinyl-aromatic compounds {or derivatives thereof} as reinforcement
- 2225/04 . . . {Polymers of styrene}

- 2225/06 . . {PS, i.e. polystyrene}
- 2225/08 . . {Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene ([B29K 2255/02](#) takes precedence)}
- 2227/00 Use of polyvinylhalogenides {or derivatives thereof} as reinforcement**
- 2227/06 . PVC, i.e. polyvinylchloride
- 2227/08 . {PVDC, i.e. polyvinylidene chloride}
- 2227/12 . containing fluorine
- 2227/14 . . {PVF, i.e. polyvinyl fluoride}
- 2227/16 . . {PVDF, i.e. polyvinylidene fluoride}
- 2227/18 . . PTFE, i.e. polytetrafluorethene {, e.g. ePTFE, i.e. expanded polytetrafluorethene}
- 2229/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals {or derivatives thereof,} as reinforcement**
- 2229/04 . {PVOH, i.e. polyvinyl alcohol ([B29K 2231/04](#) takes precedence)}
- 2229/14 . {Polyvinylacetals}
- 2231/00 Use of polyvinylesters {or derivatives thereof} as reinforcement**
- 2231/04 . {Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate}
- 2233/00 Use of polymers of unsaturated acids or derivatives thereof, as reinforcement {([B29K 2235/00](#) takes precedence)}**
- 2233/04 . Polymers of esters
- 2233/08 . . {Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate}
- 2233/12 . . {Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate}
- 2233/18 . Polymers of nitriles
- 2233/20 . . PAN, i.e. polyacrylonitrile
- 2233/26 . {Polymers of acrylamide or methacrylamide}
- 2235/00 Use of polymers of unsaturated polycarboxylic acids {or derivatives thereof} as reinforcement**
- 2239/00 Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, as reinforcement**
- 2239/06 . Polymers of N-vinyl-pyrrolidones
- 2239/08 . Polymers of vinyl-pyridine
- 2245/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins {or derivatives thereof}, as reinforcement**
- 2249/00 Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as reinforcement**
- 2255/00 Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups {[B29K 2223/00](#) - [B29K 2249/00](#)}, e.g. having a vinyl group, as reinforcement**
- 2255/02 . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers
- 2259/00 Use of polyacetals {, e.g. POM, i.e. polyoxymethylene or derivatives thereof}, as reinforcement**
- 2261/00 Use of condensation polymers of aldehydes or ketones {or derivatives thereof}, as reinforcement**
- 2261/04 . Phenoplasts
- 2261/20 . Aminoplasts
- 2263/00 Use of {EP, i.e.} epoxy resins {or derivatives thereof} as reinforcement**
- 2265/00 Use of polyphenylenes or polyxylylenes, as reinforcement**
- 2267/00 Use of polyesters {or derivatives thereof} as reinforcement**
- 2267/003 . {PET, i.e. polyethylene terephthalate}
- 2267/006 . {PBT, i.e. polybutylene terephthalate}
- 2267/04 . {Polyesters derived from hydroxycarboxylic acids}
- 2267/043 . . {PGA, i.e. polyglycolic acid or polyglycolide}
- 2267/046 . . {PLA, i.e. polylactic acid or polylactide}
- 2267/06 . {Unsaturated polyesters}
- 2269/00 Use of {PC, i.e.} polycarbonates {or derivatives thereof} as reinforcement**
- 2271/00 Use of polyethers {, e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof,} as reinforcement**
- 2271/02 . {Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof}
- 2271/12 . {PPO, i.e. polyphenylene oxide; PPE, i.e. polyphenylene ether}
- 2273/00 Use of other polymers having oxygen as the only hetero atom in the main chain, as reinforcement**
- 2275/00 Use of {PU, i.e.} polyureas or polyurethanes {or derivatives thereof,} as reinforcement**
- 2275/02 . {Polyureas}
- 2277/00 Use of {PA, i.e.} polyamides, e.g. polyesteramides {or derivatives thereof,} as reinforcement**
- 2277/10 . {Aromatic polyamides [Polyaramides] or derivatives thereof }
- 2279/00 Use of polymers having nitrogen, with or without oxygen or carbon only, in the main chain {not provided for in groups [B29K 2261/00](#) - [B29K 2277/00](#)}, as reinforcement**
- 2279/08 . {PI, i.e. polyimides or derivatives thereof}
- 2279/085 . . {Thermoplastic polyimides, e.g. polyesterimides, PEI, i.e. polyetherimides, or polyamideimides; Derivatives thereof}
- 2281/00 Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as reinforcement**
- 2281/04 . {Polysulfides, e.g. PPS, i.e. polyphenylene sulfide, or derivatives thereof}
- 2281/06 . {PSU, i.e. polysulfones or derivatives thereof; PES, i.e. polyethersulfones, or derivatives thereof}
- 2283/00 Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, as reinforcement**
- 2283/005 . {LSR, i.e. liquid silicone rubbers, or derivatives thereof}

- 2285/00** Use of polymers having other elements than silicon, sulfur, nitrogen, oxygen or carbon only in the main chain, as reinforcement
- 2286/00** Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups {[B29K 2259/00](#) - [B29K 2285/00](#),} as reinforcement
- 2289/00** Use of proteins, e.g. casein, gelatine or derivatives thereof, as reinforcement
- 2291/00** Use of waxes as reinforcement
- 2293/00** Use of natural resins, e.g. shellac, or derivatives thereof, as reinforcement ([B29K 2201/00](#), [B29K 2203/00](#), [B29K 2205/00](#), [B29K 2207/00](#), [B29K 2289/00](#) take precedence)
- 2295/00** Use of bituminous materials, as reinforcement
- 2296/00** Use of specified macromolecular materials not provided for in a single one of main groups {[B29K 2201/00](#) - [B29K 2295/00](#),} as reinforcement
- 2296/005 . {Ionomers}
- 2296/02 . Graft polymers
- 2296/04 . Block polymers
- 2301/00** Use of unspecified macromolecular compounds as reinforcement (use of unspecified rubbers {[B29K 2221/00](#)})
- 2301/10 . Thermosetting resins
- 2301/12 . Thermoplastic materials
- 2303/00** Use of resin-bonded materials as reinforcement
- 2303/04 . Inorganic materials
- 2303/06 . . Metal powders, metal carbides or the like
- 2303/08 . . Mineral aggregates, e.g. sand, clay or the like
- 2305/00** Use of metals, their alloys or their compounds, as reinforcement
- NOTE**
- Alloys or compounds of specified metals are indexed with the same code as the specified metals.
- 2305/02 . Aluminium
- 2305/04 . Lead
- 2305/06 . Tin
- 2305/08 . Transition metals
- 2305/10 . . Copper
- 2305/12 . . Iron
- 2305/14 . . {Noble metals, e.g. silver, gold or platinum}
- 2307/00** Use of elements other than metals as reinforcement
- 2307/02 . Boron
- 2307/04 . Carbon
- 2307/045 . . {Diamond}
- 2309/00** Use of inorganic materials not provided for in groups [B29K 2303/00](#) - [B29K 2307/00](#), as reinforcement
- 2309/02 . Ceramics
- 2309/04 . . Carbides; Nitrides
- 2309/06 . Concrete
- 2309/08 . Glass
- 2309/10 . Mica
- 2309/12 . Asbestos
- 2309/14 . {Stones}
- 2311/00** Use of natural products or their composites, not provided for in groups [B29K 2201/00](#) - [B29K 2309/00](#), as reinforcement
- 2311/02 . Cork
- 2311/04 . Linoleum
- 2311/06 . Bone, horn or ivory
- 2311/08 . Leather
- 2311/10 . Natural fibres, e.g. wool or cotton
- 2311/12 . Paper, e.g. cardboard
- 2311/123 . . {Coated}
- 2311/126 . . {Impregnated}
- 2311/14 . Wood, e.g. woodboard or fibreboard
- 2313/00** Use of textile products or fabrics as reinforcement ([B29K 2105/06](#) takes precedence)
- 2313/02 . coated
- 2401/00** Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as filler
- 2401/08 . {Cellulose derivatives}
- 2401/12 . . {Cellulose acetate}
- 2401/14 . . {Cellulose acetate-butyrate}
- 2401/18 . . {Cellulose nitrate}
- 2403/00** Use of starch or derivatives as filler
- 2405/00** Use of polysaccharides or derivatives as filler
- 2407/00** Use of natural rubber as filler
- 2409/00** Use of rubber derived from conjugated dienes, as filler
- 2409/06 . SB polymers, i.e. butadiene-styrene polymers
- 2411/00** Use of rubber derived from chloroprene as filler
- 2419/00** Use of rubber not provided for in a single one of main groups {[B29K 2407/00](#) - [B29K 2411/00](#)}, as filler
- 2421/00** Use of unspecified rubbers as filler
- 2421/003 . {Thermoplastic elastomers}
- 2421/006 . {Thermosetting elastomers}
- 2423/00** Use of polyalkenes {or derivatives thereof} as filler
- 2423/04 . {Polymers of ethylene}
- 2423/06 . . {PE, i.e. polyethylene}
- 2423/0608 . . . {characterised by its density}
- 2423/0616 . . . . {VLDPE, i.e. very low density polyethylene}
- 2423/0625 . . . . {LLDPE, i.e. linear low density polyethylene}
- 2423/0633 . . . . {LDPE, i.e. low density polyethylene}
- 2423/0641 . . . . {MDPE, i.e. medium density polyethylene}
- 2423/065 . . . . {HDPE, i.e. high density polyethylene}
- 2423/0658 . . . {characterised by its molecular weight}
- 2423/0666 . . . . {ULMWPE, i.e. ultra low molecular weight polyethylene}
- 2423/0675 . . . . {HMWPE, i.e. high molecular weight polyethylene}
- 2423/0683 . . . . {UHMWPE, i.e. ultra high molecular weight polyethylene}
- 2423/0691 . . . {PEX, i.e. crosslinked polyethylene}
- 2423/08 . . {Use of copolymers of ethylene as filler ([B29K 2423/16](#) takes precedence)}
- 2423/083 . . . {EVA, i.e. ethylene vinyl acetate copolymer}
- 2423/086 . . . {EVOH, i.e. ethylene vinyl alcohol copolymer}

- 2423/10 . {Polymers of propylene}
- 2423/12 . . {PP, i.e. polypropylene}
- 2423/14 . . {Copolymers of polypropylene ([B29K 2423/16](#) takes precedence)}
- 2423/16 . {EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers}
- 2423/18 . {Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene, e.g. PB, i.e. polybutylene}
- 2423/22 . . {Copolymers of isobutene, e.g. butyl rubber}
- 2423/38 . {Polymers of cycloalkenes, e.g. norbornene or cyclopentene}
- 2425/00 Use of polymers of vinyl-aromatic compounds {or derivatives thereof} as filler**
- 2425/04 . {Polymers of styrene}
- 2425/06 . . {PS, i.e. polystyrene}
- 2425/08 . . {Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene ([B29K 2455/02](#) takes precedence)}
- 2427/00 Use of polyvinylhalogenides {or derivatives thereof} as filler**
- 2427/06 . PVC, i.e. polyvinylchloride
- 2427/08 . {PVDC, i.e. polyvinylidene chloride}
- 2427/12 . containing fluorine
- 2427/14 . . {PVF, i.e. polyvinyl fluoride}
- 2427/16 . . {PVDF, i.e. polyvinylidene fluoride}
- 2427/18 . . PTFE, i.e. polytetrafluorethene {, e.g. ePTFE, i.e. expanded polytetrafluorethene}
- 2429/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals {or derivatives thereof,} as filler**
- 2429/04 . {PVOH, i.e. polyvinyl alcohol ([B29K 2431/04](#) takes precedence)}
- 2429/14 . {Polyvinylacetals}
- 2431/00 Use of polyvinylesters {or derivatives thereof} as filler**
- 2431/04 . {Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate}
- 2433/00 Use of polymers of unsaturated acids or derivatives thereof, as filler ([B29K 2435/00](#) takes precedence)**
- 2433/04 . Polymers of esters
- 2433/08 . . {Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate}
- 2433/12 . . {Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate}
- 2433/18 . Polymers of nitriles
- 2433/20 . . PAN, i.e. polyacrylonitrile
- 2435/00 Use of polymers of unsaturated polycarboxylic acids {or derivatives thereof} as filler**
- 2439/00 Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, as filler**
- 2439/06 . Polymers of N-vinyl-pyrrolidones
- 2439/08 . Polymers of vinyl-pyridine
- 2445/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins {or derivatives thereof}, as filler**
- 2449/00 Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as filler**
- 2455/00 Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups {[B29K 2423/00](#) - [B29K 2449/00](#), e.g. having a vinyl group}, as filler**
- 2455/02 . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers
- 2459/00 Use of polyacetals {, e.g. POM, i.e. polyoxymethylene or derivatives thereof}, as filler**
- 2461/00 Use of condensation polymers of aldehydes or ketones {or derivatives thereof}, as filler**
- 2461/04 . Phenoplasts
- 2461/20 . Aminoplasts
- 2463/00 Use of {EP, i.e.} epoxy resins {or derivatives thereof} as filler**
- 2465/00 Use of polyphenylenes or polyxylylenes as filler**
- 2467/00 Use of polyesters {or derivatives thereof} as filler**
- 2467/003 . {PET, i.e. polyethylene terephthalate}
- 2467/006 . {PBT, i.e. polybutylene terephthalate}
- 2467/04 . {Polyesters derived from hydroxycarboxylic acids}
- 2467/043 . . {PGA, i.e. polyglycolic acid or polyglycolide}
- 2467/046 . . {PLA, i.e. polylactic acid or polylactide}
- 2467/06 . {Unsaturated polyesters}
- 2469/00 Use of {PC, i.e.} polycarbonates {or derivatives thereof} as filler**
- 2471/00 Use of polyethers {, e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof,} as filler**
- 2471/02 . {Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide or derivatives thereof }
- 2471/12 . {PPO, i.e. polyphenylene oxide; PPE, i.e. polyphenylene ether}
- 2473/00 Use of other polymers having oxygen as the only hetero atom in the main chain, as filler**
- 2475/00 Use of {PU, i.e.} polyureas or polyurethanes {or derivatives thereof,} as filler**
- 2475/02 . {Polyureas}
- 2477/00 Use of {PA, i.e.} polyamides, e.g. polyesteramides {or derivatives thereof }, as filler**
- 2477/10 . {Aromatic polyamides [polyaramides] or derivatives thereof}
- 2479/00 Use of polymers having nitrogen, with or without oxygen or carbon only, in the main chain {not provided for in groups [B29K 2461/00](#) - [B29K 2477/00](#)}, as filler**
- 2479/08 . {PI, i.e. polyimides or derivatives thereof}

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- 2479/085 . . {Thermoplastic polyimides, e.g. polyesterimides, PEI, i.e. polyetherimides, or polyamideimides; Derivatives thereof}
- 2481/00 Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as filler**
- 2481/04 . {Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof}
- 2481/06 . {PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof}
- 2483/00 Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, as filler**
- 2483/005 . {LSR, i.e. liquid silicone rubbers or derivatives thereof}
- 2485/00 Use of polymers having other elements than silicon, {sulfur,} nitrogen, oxygen or carbon only in the main chain, as filler**
- 2486/00 Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups {B29K 2459/00 - B29K 2485/00,} as filler**
- 2489/00 Use of proteins, e.g. casein or gelatine or derivatives thereof, as filler**
- 2491/00 Use of waxes as filler**
- 2493/00 Use of natural resins, e.g. shellac, or derivatives thereof, as filler (B29K 2401/00, B29K 2403/00, B29K 2405/00, B29K 2407/00, B29K 2489/00 take precedence)**
- 2495/00 Use of bituminous materials, as filler**
- 2496/00 Use of specified macromolecular materials not provided for in a single one of main groups {B29K 2401/00 - B29K 2495/00,} as filler**
- 2496/005 . {Ionomers}
- 2496/02 . Graft polymers
- 2496/04 . Block polymers
- 2501/00 Use of unspecified macromolecular compounds as filler (use of unspecified rubbers (B29K 2421/00))**
- 2501/10 . Thermosetting resins
- 2501/12 . Thermoplastic materials
- 2503/00 Use of resin-bonded materials as filler**
- 2503/04 . Inorganic materials
- 2503/06 . . Metal powders, metal carbides or the like
- 2503/08 . . Mineral aggregates, e.g. sand, clay or the like
- 2505/00 Use of metals, their alloys or their compounds, as filler**
- NOTE**
- Alloys or compounds of specified metals are indexed with the same code as the specified metals.
- 2505/02 . Aluminium
- 2505/04 . Lead
- 2505/06 . Tin
- 2505/08 . Transition metals
- 2505/10 . . Copper
- 2505/12 . . Iron
- 2505/14 . . Noble metals, e.g. silver, gold or platinum
- 2507/00 Use of elements other than metals as filler**
- 2507/02 . Boron
- 2507/04 . Carbon
- 2507/045 . . {Diamond}
- 2509/00 Use of inorganic materials not provided for in groups {B29K 2503/00 - B29K 2507/00,} as filler**
- 2509/02 . Ceramics
- 2509/04 . . Carbides; Nitrides
- 2509/06 . Concrete
- 2509/08 . Glass
- 2509/10 . Mica
- 2509/12 . Asbestos
- 2509/14 . {Stones}
- 2511/00 Use of natural products or their composites, not provided for in groups {B29K 2401/00 - B29K 2509/00,} as filler**
- 2511/02 . Cork
- 2511/04 . Linoleum
- 2511/06 . Bone, horn or ivory
- 2511/08 . Leather
- 2511/10 . Natural fibres, e.g. wool or cotton
- 2511/12 . Paper, e.g. cardboard
- 2511/123 . . {Coated}
- 2511/126 . . {Impregnated}
- 2511/14 . Wood, e.g. woodboard or fibreboard
- 2601/00 Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, for preformed parts, e.g. for inserts**
- 2601/08 . {Cellulose derivatives}
- 2601/12 . . {Cellulose acetate}
- 2601/14 . . {Cellulose acetate-butyrate}
- 2601/18 . . {Cellulose nitrate}
- 2603/00 Use of starch or derivatives for preformed parts, e.g. for inserts**
- 2605/00 Use of polysaccharides or derivatives for preformed parts, e.g. for inserts**
- 2607/00 Use of natural rubber for preformed parts, e.g. for inserts**
- 2609/00 Use of rubber derived from conjugated dienes for preformed parts, e.g. for inserts**
- 2609/06 . SB polymers, i.e. butadiene-styrene polymers
- 2611/00 Use of rubber derived from chloroprene for preformed parts, e.g. for inserts**
- 2619/00 Use of rubber not provided for in a single one of main groups {B29K 2607/00 - B29K 2611/00,} for preformed parts, e.g. for inserts**
- 2621/00 Use of unspecified rubbers for preformed parts, e.g. for inserts**
- 2621/003 . {Thermoplastic elastomers}
- 2621/006 . {Thermosetting elastomers}
- 2623/00 Use of polyalkenes {or derivatives thereof} for preformed parts, e.g. for inserts**
- 2623/04 . {Polymers of ethylene}
- 2623/06 . . {PE, i.e. polyethylene}
- 2623/0608 . . . {characterised by its density}



- 2623/0616 . . . . {VLDPE, i.e. very low density polyethylene}
- 2623/0625 . . . . {LLDPE, i.e. linear low density polyethylene}
- 2623/0633 . . . . {LDPE, i.e. low density polyethylene}
- 2623/0641 . . . . {MDPE, i.e. medium density polyethylene}
- 2623/065 . . . . {HDPE, i.e. high density polyethylene}
- 2623/0658 . . . {characterised by its molecular weight}
- 2623/0666 . . . . {ULMWPE, i.e. ultra low molecular weight polyethylene}
- 2623/0675 . . . . {HMWPE, i.e. high molecular weight polyethylene}
- 2623/0683 . . . . {UHMWPE, i.e. ultra high molecular weight polyethylene}
- 2623/0691 . . . {PEX, i.e. crosslinked polyethylene}
- 2623/08 . . {Copolymers of ethylene ([B29K 2623/16](#) takes precedence)}
- 2623/083 . . . {EVA, i.e. ethylene vinyl acetate copolymer}
- 2623/086 . . . {EVOH, i.e. ethylene vinyl alcohol copolymer}
- 2623/10 . {Polymers of propylene}
- 2623/12 . . {PP, i.e. polypropylene}
- 2623/14 . . {Copolymers of polypropylene ([B29K 2623/16](#) takes precedence)}
- 2623/16 . {EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers}
- 2623/18 . {Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene, e.g. PB, i.e. polybutylene}
- 2623/22 . . {Copolymers of isobutene, e.g. butyl rubber}
- 2623/38 . {Polymers of cycloalkenes, e.g. norbornene or cyclopentene}
- 2625/00 Use of polymers of vinyl-aromatic compounds {or derivatives thereof} for preformed parts, e.g. for inserts**
- 2625/04 . {Polymers of styrene}
- 2625/06 . . {PS, i.e. polystyrene}
- 2625/08 . . {Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene ([B29K 2655/02](#) takes precedence)}
- 2627/00 Use of polyvinylhalogenides {or derivatives thereof} for preformed parts, e.g. for inserts**
- 2627/06 . PVC, i.e. polyvinylchloride
- 2627/08 . {PVDC, i.e. polyvinylidene chloride}
- 2627/12 . containing fluorine
- 2627/14 . . {PVF, i.e. polyvinyl fluoride}
- 2627/16 . . {PVDF, i.e. polyvinylidene fluoride}
- 2627/18 . . PTFE, i.e. polytetrafluorethene {, e.g. ePTFE, i.e. expanded polytetrafluorethene}
- 2629/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals {or derivatives thereof}, for preformed parts, e.g. for inserts**
- 2629/04 . {PVOH, i.e. polyvinyl alcohol ([B29K 2631/04](#) takes precedence)}
- 2629/14 . {Polyvinylacetals}
- 2631/00 Use of polyvinylesters {or derivatives thereof} for preformed parts, e.g. for inserts**
- 2631/04 . {Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate}
- 2633/00 Use of polymers of unsaturated acids or derivatives thereof for preformed parts, e.g. for inserts ([B29K 2635/00](#) takes precedence)**
- 2633/04 . Polymers of esters
- 2633/08 . . {Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate}
- 2633/12 . . {Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate}
- 2633/18 . Polymers of nitriles
- 2633/20 . . PAN, i.e. polyacrylonitrile
- 2633/26 . {Polymers of acrylamide or methacrylamide}
- 2635/00 Use of polymers of unsaturated polycarboxylic acids or derivatives thereof for preformed parts, e.g. for inserts**
- 2639/00 Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, for preformed parts, e.g. for inserts**
- 2639/06 . Polymers of N-vinyl-pyrrolidones
- 2639/08 . Polymers of vinyl-pyridine
- 2645/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins {or derivatives thereof}, for preformed parts, e.g. for inserts**
- 2649/00 Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to carbon triple bonds or derivatives thereof, for preformed parts, e.g. for inserts**
- 2655/00 Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups [B29K 2623/00](#) - [B29K 2649/00](#), e.g. having a vinyl group,} for preformed parts, e.g. for inserts**
- 2655/02 . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers
- 2659/00 Use of polyacetals {, e.g. POM, i.e. polyoxymethylene, or derivatives thereof} for preformed parts, e.g. for inserts**
- 2661/00 Use of condensation polymers of aldehydes or ketones {or derivatives thereof}, for preformed parts, e.g. for inserts**
- 2661/04 . Phenoplasts
- 2661/20 . Aminoplasts
- 2663/00 Use of EP, i.e. epoxy resins or derivatives thereof for preformed parts, e.g. for inserts**
- 2665/00 Use of polyphenylenes or polyxylylenes, for preformed parts, e.g. for inserts**
- 2667/00 Use of polyesters {or derivatives thereof} for preformed parts, e.g. for inserts**
- 2667/003 . {PET, i.e. polyethylene terephthalate}
- 2667/006 . {PBT, i.e. polybutylene terephthalate}
- 2667/04 . {Polyesters derived from hydroxycarboxylic acids}
- 2667/043 . . {PGA, i.e. polyglycolic acid or polyglycolide}
- 2667/046 . . {PLA, i.e. polylactic acid or polylactide}
- 2667/06 . {Unsaturated polyesters}
- 2669/00 Use of {PC, i.e.} polycarbonates {or derivatives thereof} for preformed parts, e.g. for inserts**

- 2671/00** Use of polyethers {, e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone, or derivatives thereof,} for preformed parts, e.g. for inserts
- 2671/02 . {Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide, or derivatives thereof}
- 2671/12 . {PPO, i.e. polyphenylene oxide; PPE, i.e. polyphenylene ether}
- 2673/00** Use of other polymers having oxygen as the only hetero atom in the main chain, for preformed parts, e.g. for inserts
- 2675/00** Use of {PU, i.e.} polyureas or polyurethanes {or derivatives thereof,} for preformed parts, e.g. for inserts
- 2675/02 . {Polyureas}
- 2677/00** Use of {PA, i.e.} polyamides, e.g. polyesteramides {or derivatives thereof,} for preformed parts, e.g. for inserts
- 2677/10 . {Aromatic polyamides [polyaramides] or derivatives thereof}
- 2679/00** Use of polymers having nitrogen, with or without oxygen or carbon only, in the main chain {not provided for in groups [B29K 2661/00](#) - [B29K 2677/00](#)}, for preformed parts, e.g. for inserts
- 2679/08 . {PI, i.e. polyimides or derivatives thereof}
- 2679/085 . . {Thermoplastic polyimides, e.g. polyesterimides, PEI, i.e. polyetherimides or polyamideimides; Derivatives thereof}
- 2681/00** Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, for preformed parts, e.g. for inserts
- 2681/04 . {Polysulfides, e.g. PPS, i.e. polyphenylene sulfide, or derivatives thereof}
- 2681/06 . {PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof}
- 2683/00** Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, for preformed parts, e.g. for inserts
- 2683/005 . {LSR, i.e. liquid silicone rubbers or derivatives thereof}
- 2685/00** Use of polymers having elements other than silicon, {sulfur,} nitrogen, oxygen or carbon only in the main chain, for preformed parts, e.g. for inserts
- 2686/00** Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups {[B29K 2659/00](#) - [B29K 2685/00](#),} for preformed parts, e.g. for inserts
- 2689/00** Use of proteins, e.g. casein, gelatine or derivatives thereof, for preformed parts, e.g. for inserts
- 2691/00** Use of waxes for preformed parts, e.g. for inserts
- 2693/00** Use of natural resins, e.g. shellac, or derivatives thereof, for preformed parts, e.g. for inserts ([B29K 2601/00](#), [B29K 2603/00](#), [B29K 2605/00](#), [B29K 2607/00](#), [B29K 2689/00](#) take precedence)
- 2695/00** Use of bituminous materials, for preformed parts, e.g. for inserts
- 2696/00** Use of specified macromolecular materials not provided for in a single one of main groups [B29K 2601/00](#) – [B29K 2695/00](#), for preformed parts, e.g. for inserts
- 2696/005 . {Ionomers}
- 2696/02 . Graft polymers
- 2696/04 . Block polymers
- 2701/00** Use of unspecified macromolecular compounds for preformed parts, e.g. for inserts (use of unspecified rubbers {[B29K 2621/00](#)})
- 2701/10 . Thermosetting resins
- 2701/12 . Thermoplastic materials
- 2703/00** Use of resin-bonded materials for preformed parts, e.g. inserts
- 2703/04 . Inorganic materials
- 2703/06 . . Metal powders, metal carbides or the like
- 2703/08 . . Mineral aggregates, e.g. sand, clay or the like
- 2705/00** Use of metals, their alloys or their compounds, for preformed parts, e.g. for inserts
- NOTE**
- Alloys or compounds of specified metals are indexed with the same code as the specified metals.
- 2705/02 . Aluminium
- 2705/04 . Lead
- 2705/06 . Tin
- 2705/08 . Transition metals
- 2705/10 . . Copper
- 2705/12 . . Iron
- 2705/14 . . Noble metals, e.g. silver, gold or platinum
- 2707/00** Use of elements other than metals for preformed parts, e.g. for inserts
- 2707/02 . Boron
- 2707/04 . Carbon
- 2707/045 . . {Diamond}
- 2709/00** Use of inorganic materials not provided for in groups {[B29K 2703/00](#) - [B29K 2707/00](#)}, for preformed parts, e.g. for inserts
- 2709/02 . Ceramics
- 2709/04 . . Carbides; Nitrides
- 2709/06 . Concrete
- 2709/08 . Glass
- 2709/10 . Mica
- 2709/12 . Asbestos
- 2709/14 . {Stones}
- 2711/00** Use of natural products or their composites, not provided for in groups {[B29K 2601/00](#) - [B29K 2709/00](#),} for preformed parts, e.g. for inserts
- 2711/02 . Cork
- 2711/04 . Linoleum
- 2711/06 . Bone, horn or ivory
- 2711/08 . Leather
- 2711/10 . Natural fibres, e.g. wool or cotton
- 2711/12 . Paper, e.g. cardboard
- 2711/123 . . {Coated}

- 2711/126 . . {Impregnated}
- 2711/14 . Wood, e.g. woodboard or fibreboard
- 2713/00 Use of textile products or fabrics for preformed parts, e.g. for inserts (B29K 2105/06 takes precedence)**
- 2713/005 . Fleece
- 2713/02 . coated
- 2715/00 Condition, form or state of preformed parts, e.g. inserts**
- 2715/003 . Cellular or porous
- 2715/006 . Glues or adhesives, e.g. hot melts or thermofusible adhesives
- 2801/00 Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as mould material**
- 2801/08 . Cellulose derivatives
- 2801/12 . . Cellulose acetate
- 2801/14 . . Cellulose acetate-butyrate
- 2801/18 . . Cellulose nitrate
- 2803/00 Use of starch or derivatives as mould material**
- 2805/00 Use of polysaccharides or derivatives as mould material**
- 2807/00 Use of natural rubber as mould material**
- 2809/00 Use of rubber derived from conjugated dienes as mould material**
- 2809/06 . SBR, i.e. butadiene-styrene rubbers
- 2811/00 Use of rubber derived from chloroprene as mould material**
- 2819/00 Use of rubber not provided for in a single one of main groups B29K 2807/00 - B29K 2811/00**
- 2821/00 Use of unspecified rubbers as mould material**
- 2821/003 . Thermoplastic elastomers
- 2821/006 . Thermosetting elastomers
- 2823/00 Use of polyalkenes or derivatives thereof as mould material**
- 2823/04 . Polymers of ethylene
- 2823/06 . . PE, i.e. polyethylene
- 2823/0608 . . . characterised by its density
- 2823/0616 . . . . VLDPE, i.e. very low density polyethylene
- 2823/0625 . . . . LLDPE, i.e. linear low density polyethylene
- 2823/0633 . . . . LDPE, i.e. low density polyethylene
- 2823/0641 . . . . MDPE, i.e. medium density polyethylene
- 2823/065 . . . . HDPE, i.e. high density polyethylene
- 2823/0658 . . . characterised by its molecular weight
- 2823/0666 . . . . ULMWPE, i.e. ultra low molecular weight polyethylene
- 2823/0675 . . . . HMWPE, i.e. high molecular weight polyethylene
- 2823/0683 . . . . UHMWPE, i.e. ultra high molecular weight polyethylene
- 2823/0691 . . . PEX, i.e. crosslinked polyethylene
- 2823/08 . . Copolymers of ethylene (B29K 2823/16 takes precedence)
- 2823/083 . . . EVA, i.e. ethylene vinyl acetate copolymer
- 2823/086 . . . EVOH, i.e. ethylene vinyl alcohol copolymer
- 2823/10 . Polymers of propylene
- 2823/12 . . PP, i.e. polypropylene
- 2823/14 . . Copolymers of polypropylene (B29K 2823/16 takes precedence)
- 2823/16 . EPM, i.e. ethylene-propylene copolymers; EPDM, i.e. ethylene-propylene-diene copolymers; EPT, i.e. ethylene-propylene terpolymers
- 2823/18 . Polymers of hydrocarbons having four or more carbon atoms, e.g. polymers of butylene, e.g. PB, i.e. polybutylene
- 2823/22 . . Copolymers of isobutene, e.g. butyl rubber
- 2823/38 . Polymers of cycloalkenes, e.g. norbornene or cyclopentene
- 2825/00 Use of polymers of vinyl-aromatic compounds or derivatives thereof as mould material**
- 2825/04 . Polymers of styrene
- 2825/06 . . PS, i.e. polystyrene
- 2825/08 . . Copolymers of styrene, e.g. AS or SAN, i.e. acrylonitrile styrene
- 2827/00 Use of polyvinylhalogenides or derivatives thereof as mould material**
- 2827/06 . PVC, i.e. polyvinylchloride
- 2827/08 . PVDC, i.e. polyvinylidene chloride
- 2827/12 . containing fluorine
- 2827/14 . . PVF, i.e. polyvinyl fluoride
- 2827/16 . . PVDF, i.e. polyvinylidene fluoride
- 2827/18 . . PTFE, i.e. polytetrafluorethene, e.g. ePTFE, i.e. expanded polytetrafluorethene
- 2829/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals or derivatives thereof, as mould material**
- 2829/04 . PVOH, i.e. polyvinyl alcohol (B29K 2831/04 takes precedence)
- 2829/14 . Polyvinylacetals
- 2831/00 Use of polyvinylesters or derivatives thereof as mould material**
- 2831/04 . Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate
- 2833/00 Use of polymers of unsaturated acids or derivatives thereof as mould material (B29K 2835/00 takes precedence)**
- 2833/04 . Polymers of esters
- 2833/08 . . Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate
- 2833/12 . . Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate
- 2833/18 . Polymers of nitriles
- 2833/20 . . PAN, i.e. polyacrylonitrile
- 2833/26 . Polymers of acrylamide or methacrylamide
- 2835/00 Use of polymers of unsaturated polycarboxylic acids or derivatives thereof as mould material**
- 2839/00 Use of polymers with unsaturated aliphatic radicals and with a nitrogen or a heterocyclic ring containing nitrogen in a side chain or derivatives thereof, as mould material**
- 2839/06 . Polymers of N-vinyl-pyrrolidones
- 2839/08 . Polymers of vinyl-pyridine

- 2845/00** Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins or derivatives thereof, as mould material
- 2849/00** Use of polyacetylene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as mould material
- 2855/00** Use of specific polymers obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in a single one of main groups [B29K 2823/00](#) - [B29K 2849/00](#), e.g. having a vinyl group, as mould material
- 2855/02 . ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers
- 2859/00** Use of polyacetals, e.g. POM, i.e. polyoxymethylene, or derivatives thereof as mould material
- 2861/00** Use of condensation polymers of aldehydes or ketones or derivatives thereof, as mould material
- 2861/04 . Phenoplasts
- 2861/20 . Aminoplasts
- 2863/00** Use of EP, i.e. epoxy resins or derivatives thereof as mould material
- 2865/00** Use of polyphenylenes or polyxylylenes as mould material
- 2867/00** Use of polyesters or derivatives thereof as mould material
- 2867/003 . PET, i.e. polyethylene terephthalate
- 2867/006 . PBT, i.e. polybutylene terephthalate
- 2867/04 . Polyesters derived from hydroxycarboxylic acids
- 2867/043 . . PGA, i.e. polyglycolic acid or polyglycolide
- 2867/046 . . PLA, i.e., polyactic acid or polyactide
- 2867/06 . Unsaturated polyesters
- 2869/00** Use of PC, i.e. polycarbonates or derivatives thereof as mould material
- 2871/00** Use of polyethers, e.g. PEEK, i.e. polyether-etherketone or PEK, i.e. polyetherketone or derivatives thereof, as mould material
- 2871/02 . Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide, or derivatives thereof
- 2871/12 . PPO, i.e. polyphenylene oxide; PPE, i.e. polyphenylene ether
- 2873/00** Use of other polymers having oxygen as the only hetero atom in the main chain, as mould material
- 2875/00** Use of PU, i.e. polyureas or polyurethanes or derivatives thereof, as mould material
- 2875/02 . Polyureas
- 2877/00** Use of PA, i.e. polyamides, e.g. polyesteramides or derivatives thereof, as mould material
- 2877/10 . Aromatic polyamides [polyaramides] or derivatives thereof
- 2879/00** Use of polymers having nitrogen, with or without oxygen, or carbon only, in the main chain not provided for in groups [B29K 2861/00](#) - [B29K 2877/00](#), as mould material
- 2879/08 . PI, i.e. polyimides or derivatives thereof
- 2879/085 . . Thermoplastic polyimides, e.g. polyesterimides, PEI, i.e. polyetherimides, or polyamideimides; Derivatives thereof
- 2881/00** Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in the main chain, as mould material
- 2881/04 . Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof
- 2881/06 . PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof
- 2883/00** Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as mould material
- 2883/005 . LSR, i.e. liquid silicone rubbers, or derivatives thereof
- 2885/00** Use of polymers having other elements than silicon, sulfur, nitrogen, oxygen, and carbon in the main chain, as mould material
- 2886/00** Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups [B29K 2859/00](#) - [B29K 2885/00](#), as mould material
- 2889/00** Use of proteins, e.g. casein or gelatine or derivatives thereof, as mould material
- 2891/00** Use of waxes as mould material
- 2893/00** Use of natural resins, e.g. shellac, or derivatives thereof, as mould material ([B29K 2801/00](#), [B29K 2803/00](#), [B29K 2805/00](#), [B29K 2807/00](#), [B29K 2889/00](#) take precedence)
- 2895/00** Use of bituminous materials, as mould material
- 2896/00** Use of specified macromolecular materials not provided for in a single one of main groups [B29K 2801/00](#) - [B29K 2895/00](#), as mould material
- 2896/005 . Ionomers
- 2896/02 . Graft polymers ([B29K 2855/02](#) takes precedence)
- 2896/04 . Block polymers ([B29K 2855/02](#) takes precedence)
- 2901/00** Use of unspecified macromolecular compounds as mould material (use of unspecified rubbers [B29K 2821/00](#))
- 2901/10 . Thermosetting resins
- 2901/12 . Thermoplastic materials
- 2903/00** Use of resin-bonded materials as mould material
- 2903/04 . Inorganic materials
- 2903/06 . . Metal powders, metal carbides or the like
- 2903/08 . . Mineral aggregates, e.g. sand, clay or the like
- 2905/00** Use of metals, their alloys or their compounds, as mould material
- NOTE**
- Alloys or compounds of specified metals are indexed with the same code as the specified metals.
- 2905/02 . Aluminium
- 2905/04 . Lead
- 2905/06 . Tin
- 2905/08 . Transition metals

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- 2905/10 . . Copper
- 2905/12 . . Iron
- 2905/14 . . Noble metals, e.g. silver, gold or platinum
- 2907/00 Use of elements other than metals as mould material**
- 2907/02 . Boron
- 2907/04 . Carbon
- 2907/045 . . Diamond
- 2909/00 Use of inorganic materials not provided for in groups [B29K 2803/00](#) - [B29K 2807/00](#), as mould material**
- 2909/02 . Ceramics
- 2909/04 . . Carbides; Nitrides
- 2909/06 . Concrete
- 2909/08 . Glass
- 2909/10 . Mica
- 2909/12 . Asbestos
- 2909/14 . Stones
- 2911/00 Use of natural products or their composites, not provided for in groups [B29K 2801/00](#) - [B29K 2809/00](#), as mould material**
- 2911/02 . Cork
- 2911/04 . Linoleum
- 2911/06 . Bone, horn or ivory
- 2911/08 . Leather
- 2911/10 . Natural fibres, e.g. wool or cotton
- 2911/12 . Paper, e.g. cardboard
- 2911/123 . . Coated
- 2911/126 . . Impregnated
- 2911/14 . Wood, e.g. woodboard or fibreboard
- 2913/00 Use of textile products or fabrics as mould materials**
- 2913/02 . coated
- 2995/00 Properties of moulding materials, reinforcements, fillers, preformed parts or moulds**
- 2995/0001 . having particular acoustical properties
- 2995/0002 . . insulating
- 2995/0003 . having particular electrical or magnetic properties, e.g. piezoelectric
- 2995/0005 . . Conductive
- 2995/0006 . . Dielectric
- 2995/0007 . . Insulating
- 2995/0008 . . Magnetic or paramagnetic
- 2995/001 . . Electrostatic
- 2995/0011 . . Electromagnetic wave shielding material
- 2995/0012 . having particular thermal properties
- 2995/0013 . . Conductive
- 2995/0015 . . Insulating
- 2995/0016 . . Non-flammable or resistant to heat
- 2995/0017 . . Heat stable
- 2995/0018 . having particular optical properties, e.g. fluorescent or phosphorescent
- 2995/002 . . Coloured
- 2995/0021 . . . Multi-coloured
- 2995/0022 . . Bright, glossy or shiny surface
- 2995/0024 . . Matt surface
- 2995/0025 . . Opaque
- 2995/0026 . . Transparent
- 2995/0027 . . . for light outside the visible spectrum

- 2995/0029 . . Translucent
- 2995/003 . . Reflective
- 2995/0031 . . Refractive
- 2995/0032 . . . Birefringent
- 2995/0034 . . Polarising
- 2995/0035 . . Fluorescent
- 2995/0036 . . Electroluminescent
- 2995/0037 . Other properties
- 2995/0039 . . Amorphous
- 2995/004 . . Semi-crystalline
- 2995/0041 . . Crystalline
- 2995/0043 . . . non-uniform
- 2995/0044 . . Anisotropic
- 2995/0045 . . Isotropic
- 2995/0046 . . Elastic
- 2995/0048 . . Without internal tensions
- 2995/0049 . . Heat shrinkable

### **WARNING**

Group [B29K 2995/0049](#) is incomplete pending reclassification of documents from group [B29K 2105/02](#).

Groups [B29K 2995/0049](#) and [B29K 2105/02](#) should be considered in order to perform a complete search.

- 2995/005 . . Oriented
- 2995/0051 . . . mono-axially
- 2995/0053 . . . bi-axially
- 2995/0054 . . . multi-axially
- 2995/0055 . . Resistive to light
- 2995/0056 . . Biocompatible, e.g. biopolymers or bioelastomers
- 2995/0058 . . Inert to chemical degradation
- 2995/0059 . . Degradable
- 2995/006 . . . Bio-degradable, e.g. bioabsorbable, bioresorbable or bioerodible
- 2995/0062 . . . water-soluble
- 2995/0063 . . Density
- 2995/0064 . . . Non-uniform density
- 2995/0065 . . Permeability to gases
- 2995/0067 . . . non-permeable
- 2995/0068 . . Permeability to liquids; Adsorption
- 2995/0069 . . . non-permeable
- 2995/007 . . Hardness
- 2995/0072 . . Roughness, e.g. anti-slip
- 2995/0073 . . . smooth
- 2995/0074 . . . patterned, grained
- 2995/0075 . . . flocked
- 2995/0077 . . Yield strength; Tensile strength
- 2995/0078 . . Shear strength
- 2995/0079 . . Torsion strength; Torsion stiffness
- 2995/0081 . . Tear strength
- 2995/0082 . . Flexural strength; Flexion stiffness
- 2995/0083 . . Creep
- 2995/0084 . . Cryogenic properties
- 2995/0086 . . Fatigue strength
- 2995/0087 . . Wear resistance
- 2995/0088 . . Molecular weight
- 2995/0089 . . Impact strength or toughness
- 2995/0091 . . Damping, energy absorption
- 2995/0092 . . hydrophilic
- 2995/0093 . . hydrophobic

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- 2995/0094 . . Geometrical properties
- 2995/0096 . . . Dimensional stability
- 2995/0097 . . . Thickness
- 2995/0098 . . Peel strength; Peelability