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:
B29K 105/22  covered by  B29K 2705/00
B29K 105/28  covered by  B29K 2995/0025
B29K 105/30  covered by  B29K 2995/003
B29K 105/32  covered by  B29K 2995/0026
B29K 105/34  covered by  B29K 2995/002, B29K 2995/0007, and B29K 2995/0015

<table>
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<tr>
<th>2001/00</th>
<th>Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as moulding material</th>
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<tr>
<td>2001/08</td>
<td>.  [Cellulose derivatives]</td>
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<td>2001/12</td>
<td>.  [Cellulose acetate]</td>
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<td>2003/00</td>
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<td>2005/00</td>
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<td>2007/00</td>
<td>Use of natural rubber as moulding material</td>
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<td>2009/00</td>
<td>Use of rubber derived from conjugated dienes, as moulding material</td>
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<td>2009/06</td>
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<td>2011/00</td>
<td>Use of rubber derived from chloroprene as moulding material</td>
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<td>2019/00</td>
<td>Use of rubber not provided for in a single one of main groups {B29K 2007/00 - B29K 2011/00,} as moulding material</td>
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<td>Use of unspecified rubbers as moulding material</td>
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<td>2021/003</td>
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<td>2023/00</td>
<td>Use of polyalkenes {or derivatives thereof} as moulding material</td>
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<tr>
<td>2023/04</td>
<td>.  [Polymers of ethylene]</td>
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<tr>
<td>2023/06</td>
<td>.  .  [PE, i.e. polyethylene]</td>
</tr>
<tr>
<td>2023/0608</td>
<td>.  .  [characterised by its density]</td>
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<td>2023/0616</td>
<td>.  .  .  [VLDPE, i.e. very low density polyethylene]</td>
</tr>
<tr>
<td>2023/0625</td>
<td>.  .  .  .  [LLDPE, i.e. linear low density polyethylene]</td>
</tr>
</tbody>
</table>
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 . . . . . [ULMWE, 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 . . . . . [Polymers 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. polytetrafluoroethylene, i.e. expanded polytetrafluoroethylene]

2029/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydeydes, 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. polymethacrylate)
2033/12 . . . . . (Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethacrylate)
2033/18 . . . . . Polymers of nitriles
2033/20 . . . . . PAN, i.e. polycrylonitrile
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 polycrylate 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 polycetals, i.e. polyoxyethylene 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 polyoxymylenes as moulding material

2067/00 Use of polyesters [or derivatives thereof], as moulding material
2067/003 . . . . . [PET, i.e. polyethylene terephthalate]
2067/006 . . . . . [PBT, i.e. polybutylene terephthalate]
2067/004 . . . . . [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 polyesters, i.e. PEEK, i.e. polyetheretherketone 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)
Use of polymers having oxygen as the only hetero atom in the main chain, as moulding material

Use of other polymers having oxygen as the only hetero atom in the main chain, as moulding material

Use of polyureas or polyurethanes [or derivatives thereof], as moulding material

Use of [PU, i.e.] polyureas or polyurethanes [or derivatives thereof], as moulding material

Use of [Polyureas]

Use of polyamides, e.g. polyesteramides [or derivatives thereof], as moulding material

Use of polymers having nitrogen, with or without oxygen or carbon only, in the main chain, as moulding material

Use of polymers having nitrogen, with or without oxygen or carbon only, in the main chain, as moulding material

Use of polymers having sulfur, with or without nitrogen, sulfur, oxygen or carbon only, in the main chain, as moulding material

Use of polymers having sulfur, with or without nitrogen, sulfur, oxygen or carbon only, in the main chain, as moulding material

Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as moulding material

Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as moulding material

Use of thermoplastic materials

Use of thermosetting resins

Use of unspecified macromolecular compounds as moulding material

Use of unspecified macromolecular compounds as moulding material
Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as reinforcement
Use of polyvinylhalogenides ([or derivatives thereof]) as reinforcement

- Use of PVC, i.e. polyvinylchloride
- (PVDC, i.e. polyvinylidene chloride)
- containing fluorine
- [PVF, i.e. polyvinyl fluoride]
- (PVDF, i.e. polyvinylidene fluoride)
- PTFE, i.e. polytetrafluoroethylene, e.g. ePTFE, i.e. expanded polytetrafluorethene

Use of polyvinylcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals ([or derivatives thereof]) as reinforcement

- (PVOH, i.e. polyvinyl alcohol (B29K 2231/04 takes precedence))

Use of polyvinylesters ([or derivatives thereof]) as reinforcement

- Polymers of vinyl acetate, e.g. PVAc, i.e. polyvinyl acetate

Use of polymers of unsaturated acids or derivatives thereof, as reinforcement ([B29K 2235/00 takes precedence])

- Polymers of esters
- (Polymers of acrylic acid esters, e.g. PMA, i.e. polymethacrylate)
- (Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate)

Use of polymers of nitriles

- PAN, i.e. polyacrylonitrile
- (Polymers of acrylamide or methacrylamide)

Use of polymers of unsaturated polycarboxylic acids ([or derivatives thereof]) as reinforcement

- 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

Use of polymers of N-vinyl-pyrrolidones

- Polymers of vinyl-pyrrolidones

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

Use of polycrylate or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as reinforcement

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

ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers

Use of polycrylates ([or derivatives thereof]), as reinforcement

- Use of condensation polymers of aldehydes or ketones ([or derivatives thereof]), as reinforcement

- Phenoplasts
- Aminoplasts

Use of (EP, i.e.) epoxy resins ([or derivatives thereof]) as reinforcement

- Use of polyesters ([or derivatives thereof]) as reinforcement
- Use of copolymers of styrene, e.g. AS or SAN, i.e. polystyrene

Use of other polymers having nitrogen as the only hetero atom in the main chain, as reinforcement

- Use of other polymers having oxygen as the only hetero atom in the main chain, as reinforcement

Use of (PC, i.e.) polycarbonates ([or derivatives thereof]) as reinforcement

Use of (PA, i.e.) polyamides, e.g. polyesteramides ([or derivatives thereof]) as reinforcement

- Polyureas

Use of (PU, i.e.) polyureas or polyurethanes ([or derivatives thereof]) as reinforcement

- Use of (PUs, i.e.) polyureas or polyurethanes ([or derivatives thereof]) as reinforcement

Use of condensation polymers of aldehydes or ketones ([or derivatives thereof]) as reinforcement

- Phenoplasts
- Aminoplasts

Use of (EP, i.e.) epoxy resins ([or derivatives thereof]) as reinforcement

- Use of polyesters ([or derivatives thereof]) as reinforcement
- Use of copolymers of styrene, e.g. AS or SAN, i.e. polystyrene

Use of other polymers having nitrogen as the only hetero atom in the main chain, as reinforcement

- Use of other polymers having oxygen as the only hetero atom in the main chain, as reinforcement

Use of (PC, i.e.) polycarbonates ([or derivatives thereof]) as reinforcement

Use of (PA, i.e.) polyamides, e.g. polyesteramides ([or derivatives thereof]) as reinforcement

- Polyureas

Use of (PU, i.e.) polyureas or polyurethanes ([or derivatives thereof]) as reinforcement

- Use of (PUs, i.e.) polyureas or polyurethanes ([or derivatives thereof]) as reinforcement

Use of condensation polymers of aldehydes or ketones ([or derivatives thereof]) as reinforcement

- Phenoplasts
- Aminoplasts

Use of (EP, i.e.) epoxy resins ([or derivatives thereof]) as reinforcement

- Use of polyesters ([or derivatives thereof]) as reinforcement
- Use of copolymers of styrene, e.g. AS or SAN, i.e. polystyrene

Use of other polymers having nitrogen as the only hetero atom in the main chain, as reinforcement
Use of polymers having other elements than silicon, sulfur, nitrogen, oxygen or carbon only in the main chain, as reinforcement

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

Use of proteins, e.g., casein, gelatine or derivatives thereof, as reinforcement

Use of waxes as reinforcement

Use of natural resins, e.g., shellac, or derivatives thereof, as reinforcement

Use of inorganic materials, as reinforcement

Use of specified macromolecular materials not provided for in a single one of main groups (B29K 2201/00 - B29K 2295/00) as reinforcement

Use of unspecified macromolecular compounds as reinforcement (use of unspecified rubbers (B29K 2221/00))

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.

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]

2310/00 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-butyratet)
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

2420/00 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]
2423/0655 . . . . [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]
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

Use of polycyclopentadiene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as filler

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

ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers

Use of polycyanoacrylates, i.e. polycyanoacrylate esters or polyfunctional monomers, as filler

Use of specific polymers obtained by polymerisation reactions only involving carbon-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

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

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

ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers
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
2506/00 Use of rubber derived from conjugated dienes for preformed parts, e.g. for inserts
2506/12 . . . [Cellulose acetate]
2506/14 . . . [Cellulose acetate-butyr rate]
2506/18 . . . [Cellulose nitrate]
2506/00 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
2506/10 Use of rubber derived from chloroprene for preformed parts, e.g. for inserts
2506/12 . . . [Cellulose derivatives]
2506/18 . . . [Cellulose nitrate]
Use of polymers of unsaturated acids or derivatives thereof for preformed parts, e.g. for inserts (B29K 2635/00 takes precedence)

Use of polymers of esters

(Polymers of acrylic acid esters, e.g. PMA, i.e. polymethylacrylate)

(Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrylate)

Polymers of nitriles

(PAN, i.e. polyacrylonitrile)

(Polymers of acrylamide or methacrylamide)

Use of polymers of unsaturated polycarboxylic acids or derivatives thereof for preformed parts, e.g. for inserts

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

Polymers of N-vinyl-pyrrolidones

Polymers of vinyl-pyridine

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

Use of polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, for preformed parts, e.g. for inserts

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

ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers

Use of polyacetales, i.e. polyoxyethylene, or derivatives thereof for preformed parts, e.g. for inserts

Use of condensation polymers of aldehydes or ketones or derivatives thereof, for preformed parts, e.g. for inserts

Phenoplasts

Aminoplasts

Use of EP, i.e. epoxy resins or derivatives thereof for preformed parts, e.g. for inserts

Use of polyethylene, or derivatives thereof for preformed parts, e.g. for inserts

Use of polypropylene or derivatives thereof for preformed parts, e.g. for inserts

Use of polyimides, i.e. polyaryletherketones or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyarylates, i.e. polyarylester or polyarylester ketones or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyaryketones or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyarylene ethers, e.g. PAE, i.e. polyarylene ethers or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyarylester ketones or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyarylester ketones or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyaryletherketones or derivatives thereof, for preformed parts, e.g. for inserts

Use of polyaryletherketones or derivatives thereof, 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]
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-butryrate
2801/18 . Cellulose nitrate

2802/04 Use of starch or derivatives as mould material
2802/06 Use of polysaccharides or derivatives as mould material

2804/00 Use of rubber derived from conjugated dienes as mould material
2804/06 . SBR, i.e. butadiene-styrene rubbers

2805/00 Use of rubber derived from chloroprene as mould material

2809/00 Use of rubber not provided for in a single one of main groups B29K 2807/00 - B29K 2811/00
2809/06 . SBR, i.e. butadiene-styrene rubbers

2810/00 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
2819/03 . Thermoplastic elastomers
2819/06 . Thermosetting elastomers

2820/00 Use of polyanalenes 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 . LDPE, i.e. 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 polypolyvinhalogenides or derivatives thereof as mould material
2827/06 . PVC, i.e. polyvinylchlorid
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, polyvinylaldehyde, polyvinylketones or polyvinylketalts 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. polymethylacrolate
2833/12 . Polymers of methacrylic acid esters, e.g. PMMA, i.e. polymethylmethacrolate
2833/18 . Polymers of nitriles
2833/20 . PAN, i.e. polycrylonitrile
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 aliphatc 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-pyrolidones
2839/08 . Polymers of vinyl-pyridine
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

Use of polycytcene or cyanic ester resins, i.e. polymers having one or more carbon-to-carbon triple bonds or derivatives thereof, as mould material

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

ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers

Use of polycyctals, e.g. POM, i.e. polyoxymethylene, or derivatives thereof as mould material

Use of condensation polymers of aldehydes or ketones or derivatives thereof, as mould material

Phenoplasts

Aminoplasts

Use of EP, i.e. epoxy resins or derivatives thereof, as mould material

Use of polyethers, e.g. PEEK, i.e. polyetherketone, or derivatives thereof as mould material

Unsaturated polyesters

Use of PC, i.e. polycarbonates or derivatives thereof as mould material

Use of polyethers or derivatives thereof as mould material

PET, i.e. polyethylene terephthalate

PBT, i.e. polybutylene terephthalate

Polymers derived from hydroxycarboxylic acids

PGA, i.e. polyglycolic acid or polyglycolide

PLA, i.e. polylactic acid or polylactide

Polyamide imides, or derivatives thereof

Use of unspecified macromolecular compounds as mould material

Use of polyethers, e.g. PEEK, i.e. polyetheretherketone or PEK, i.e. polyetherketone or derivatives thereof, as mould material

Polyalkylene oxides, e.g. PEO, i.e. polyethylene oxide, or derivatives thereof

Unsaturated polyesters

Use of other polymers having oxygen as the only hetero atom in the main chain, as mould material

Use of PU, i.e. polyureas or polyurethanes or derivatives thereof, as mould material

Polyureas

Use of PA, i.e. polyamides, e.g. polysteramides or derivatives thereof, as mould material

Aromatic polyamides [polymides] or derivatives thereof

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

PI, i.e. polyimides or derivatives thereof

Thermoplastic polyimides, e.g. polysteramides, PEI, i.e. polyetherimides, or polyamideimides; Derivatives thereof

Use of polymers having sulfur, with or without nitrogen, oxygen, or carbon only, in the main chain, as mould material

Polysulfides, e.g. PPS, i.e. polyphenylene sulfide or derivatives thereof

PSU, i.e. polysulfones; PES, i.e. polyethersulfones or derivatives thereof

Use of polymers having silicon, with or without sulfur, nitrogen, oxygen, or carbon only, in the main chain, as mould material

LSR, i.e. liquid silicone rubbers, or derivatives thereof

Use of polymers having other elements than silicon, sulfur, nitrogen, oxygen, and carbon in the main chain, as mould material

Use of natural resins, e.g. shellac, or derivatives thereof, as mould material

Block polymers (B29K 2855/02 takes precedence)

Ionomers

Graft polymers (B29K 2855/02 takes precedence)

Block polymers (B29K 2855/02 takes precedence)

Use of unspecific macromolecular compounds as mould material (use of unspecific rubbers B29K 2821/00)

Thermosetting resins

Thermoplastic materials

Use of resin-bonded materials as mould material

Inorganic materials

Metal powders, metal carbides or the like

Mineral aggregates, e.g. sand, clay or the like

Use of metals, their alloys or their compounds, as mould material

Aluminium

Lead

Tin

Transition metals

NOTE
Alloys or compounds of specified metals are indexed with the same code as the specified metals.
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

2915/00 Properties of moulding materials, reinforcements, fillers, preformed parts or moulds
2915/0001 . having particular acoustical properties
2915/0002 . insulating
2915/0003 . having particular electrical or magnetic properties, e.g. piezoelectric
2915/0005 . Conductive
2915/0006 . Dielectric
2915/0007 . Insulating
2915/0008 . Magnetic or paramagnetic
2915/0009 . Electrostatic
2915/0011 . Electromagnetic wave shielding material
2915/0012 . having particular thermal properties
2915/0013 . Conductive
2915/0015 . Insulating
2915/0016 . Non-flammable or resistant to heat
2915/0017 . Heat stable
2915/0018 . having particular optical properties, e.g. fluorescent or phosphorescent
2915/002 . Coloured
2915/0021 . Multi-coloured
2915/0022 . Bright, glossy or shiny surface
2915/0024 . Matt surface
2915/0025 . Opaque
2915/0026 . Transparent
2915/0027 . . for light outside the visible spectrum
2915/0029 . Translucent
2915/003 . Reflective
2915/0031 . Refractive
2915/0032 . . Birefringent
2915/0034 . Polarising
2915/0035 . Fluorescent
2915/0036 . Electroluminescent
2915/0037 . Other properties
2915/0039 . Amorphous
2915/004 . Semi-crystalline
2915/0041 . Crystalline
2915/0043 . non-uniform
2915/0044 . Anisotropic
2915/0045 . Isotrop
c2915/0046 . Elastic
2915/0048 . Without internal tensions
2915/0049 . 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.

2915/005 . Oriented
2915/0051 . mono-axially
2915/0053 . bi-axially
2915/0054 . multi-axially
2915/0055 . Resistive to light
2915/0056 . Biocompatible, e.g. biopolymers or bioelastomers
2915/0058 . Inert to chemical degradation
2915/0059 . Degradable
2915/006 . Bio-degradable, e.g. bioabsorbable, bioresorbable or bioerodible
2915/0062 . water-soluble
2915/0063 . Density
2915/0064 . Non-uniform density
2915/0065 . Permeability to gases
2915/0067 . non-permeable
2915/0068 . Permeability to liquids; Adsorption
2915/0069 . non-permeable
2915/007 . Hardness
2915/0072 . Roughness, e.g. anti-slip
2915/0073 . smooth
2915/0074 . patterned, grained
2915/0075 . flocked
2915/0077 . Yield strength; Tensile strength
2915/0078 . Shear strength
2915/0079 . Torsion strength; Torsion stiffness
2915/0081 . Tear strength
2915/0082 . Flexural strength; Flexion stiffness
2915/0083 . Creep
2915/0084 . Cryogenic properties
2915/0086 . Fatigue strength
2915/0087 . Wear resistance
2915/0088 . Molecular weight
2915/0089 . Impact strength or toughness
2915/0091 . Damping, energy absorption
2915/0092 . hydrophilic
2915/0093 . hydrophobic
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