SECTION B — PERFORMING OPERATIONS; TRANSPORTING

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

B29K INDEXING SCHEME ASSOCIATED WITH SUBCLASSES B29B, B29C OR B29D, RELATING TO MOULDING MATERIALS OR TO MATERIALS FOR REINFORCEMENTS, FILLERS OR PREFORMED PARTS, e.g. INSERTS [4]

Note(s)

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:
     a. natural or conjugated diene rubbers;
     b. 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).

Subclass index

COMPOSITIONS FOR MOULDING MATERIALS; CONDITION, FORM OR STATE OF MOULDED MATERIAL.....1/00-105/00
COMPOSITIONS FOR REINFORCEMENTS.....201/00-311/00
COMPOSITIONS FOR FILLERS.....401/00-511/00
COMPOSITIONS FOR PREFORMED PARTS.....601/00-711/00

Compositions for moulding materials; Condition, form or state of moulded material [6]

1/00 Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as moulding material [4]

7/00 Use of natural rubber as moulding material [4]

9/00 Use of rubber derived from conjugated dienes, as moulding material [4]

9/06 • SB polymers, i.e. butadiene-styrene polymers **[4]**

19/00 Use of rubber not provided for in a single one of main groups B29K 7/00-B29K 9/00, as moulding material [4]

21/00 Use of unspecified rubbers as moulding material [4]

23/00 Use of polyalkenes as moulding material [4]

25/00 Use of polymers of vinyl-aromatic compounds as moulding material [4]

27/00 Use of polyvinylhalogenides as moulding material [4]

27/06 • PVC, i.e. polyvinylchloride **[4]**

27/12 • containing fluorine **[4]**

27/18 • • PTFE, i.e. polytetrafluorethene **[4]**

29/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals as moulding material [4]

31/00 Use of polyvinylesters as moulding material [4]

33/00 Use of polymers of unsaturated acids or derivatives thereof, as moulding material (B29K 35/00 takes precedence) **[4]**

33/04 • Polymers of esters **[4]**

33/18 • Polymers of nitriles **[4]**

33/20 • • PAN, i.e. polyacrylonitrile **[4]**

35/00 Use of polymers of unsaturated polycarboxylic acids as moulding material [4]

45/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins, as moulding material [4]

55/00 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 23/00-B29K 45/00, as moulding material [4]

55/02 • ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers **[4]**

59/00 Use of polyacetals as moulding material [4]

61/00 Use of condensation polymers of aldehydes or ketones, as moulding material [4]

61/04 • Phenoplasts **[4]**

61/20 • Aminoplasts **[4]**

63/00 Use of epoxy resins as moulding material [4]

67/00 Use of polyesters as moulding material [4]

69/00 Use of polycarbonates as moulding material [4]

71/00 **Use of polyethers as moulding material [4]**

73/00 **Use of other polymers having oxygen as the only hetero atom in the main chain, as moulding material [4]**

75/00 **Use of polyureas or polyurethanes as moulding material [4]**

77/00 **Use of polyamides, e.g. polyesteramides, as moulding material [4]**

79/00 **Use of other polymers having nitrogen, with or without oxygen or carbon only, in the main chain, as moulding material [4]**

81/00 **Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as moulding material [4]**

83/00 **Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, as moulding material [4]**

85/00 **Use of polymers having elements other than silicon, nitrogen, oxygen or carbon only, in the main chain, as moulding material [4]**

86/00 **Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups B29K 59/00-B29K 85/00, as moulding material [4]**

91/00 **Use of waxes as moulding material [4]**

95/00 **Use of bituminous materials as moulding material [4]**

96/00 **Use of specified macromolecular materials not provided for in a single one of main groups B29K 1/00-B29K 95/00, as moulding material [4]**
96/02 • Graft polymers **[4]**
96/04 • Block polymers **[4]**

101/00 **Use of unspecified macromolecular compounds as moulding material** (use of unspecified rubbers B29K 21/00) **[4]**
101/10 • Thermosetting resins **[4]**
101/12 • Thermoplastic materials **[6]**

103/00 **Use of resin-bonded materials as moulding material [4]**
103/04 • Inorganic materials **[4]**
103/06 • • Metal powders, metal carbides or the like **[4]**
103/08 • • Mineral aggregates, e.g. sand, clay or the like **[4]**

105/00 **Condition, form or state of moulded material [4]**
105/02 • heat-shrinkable **[4]**
105/04 • cellular or porous **[4]**
105/06 • containing reinforcements, fillers or inserts **[4]**
105/08 • • of continuous length, e.g. cords, rovings, mats, fabrics, strands or yarns **[4]**
105/10 • • • oriented **[4]**
105/12 • • of short lengths, e.g. chopped filaments, staple fibres or bristles **[4]**
105/14 • • • oriented **[4]**
105/16 • • Fillers **[4]**
105/18 • • • oriented **[4]**
105/20 • • Inserts **[4]**
105/22 • • • metallic **[4]**
105/24 • cross-linked or vulcanised **[4]**
105/26 • Scrap **[4]**
105/28 • opaque **[4]**
105/30 • reflecting **[4]**
105/32 • transparent **[4]**
105/34 • insulating **[4]**

Compositions for reinforcements [6]

201/00 **Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as reinforcement [6]**

207/00 **Use of natural rubber as reinforcement [6]**

209/00 **Use of rubber derived from conjugated dienes, as reinforcement [6]**
209/06 • SB polymers, i.e. butadiene-styrene polymers **[6]**

219/00 **Use of rubber not provided for in a single one of main groups B29K 207/00-B29K 209/00, as reinforcement [6]**

221/00 **Use of unspecified rubbers as reinforcement [6]**

223/00 **Use of polyalkenes as reinforcement [6]**

225/00 **Use of polymers of vinyl-aromatic compounds as reinforcement [6]**

227/00 **Use of polyvinylhalogenides as reinforcement [6]**
227/06 • PVC, i.e. polyvinylchloride **[6]**
227/12 • containing fluorine **[6]**
227/18 • • PTFE, i.e. polytetrafluoroethene **[6]**

229/00 **Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals as reinforcement [6]**

231/00 **Use of polyvinylesters as reinforcement [6]**

233/00 **Use of polymers of unsaturated acids or derivatives thereof, as reinforcement** (B29K 235/00 takes precedence) **[6]**
233/04 • Polymers of esters **[6]**
233/18 • Polymers of nitriles **[6]**
233/20 • • PAN, i.e. polyacrylonitrile **[6]**

235/00 **Use of polymers of unsaturated polycarboxylic acids as reinforcement [6]**

245/00 **Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins, as reinforcement [6]**

255/00 **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 223/00-B29K 245/00, as reinforcement [6]**
255/02 • ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers **[6]**

259/00 **Use of polyacetals as reinforcement [6]**

261/00 **Use of condensation polymers of aldehydes or ketones, as reinforcement [6]**
261/04 • Phenoplasts **[6]**
261/20 • Aminoplasts **[6]**

263/00 **Use of epoxy resins as reinforcement [6]**

267/00 Use of polyesters as reinforcement [6]

269/00 Use of polycarbonates as reinforcement [6]

271/00 Use of polyethers as reinforcement [6]

273/00 Use of other polymers having oxygen as the only hetero atom in the main chain, as reinforcement [6]

275/00 Use of polyureas or polyurethanes as reinforcement [6]

277/00 Use of polyamides, e.g. polyesteramides, as reinforcement [6]

279/00 Use of other polymers having nitrogen, with or without oxygen or carbon only, in the main chain, as reinforcement [6]

281/00 Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as reinforcement [6]

283/00 Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, as reinforcement [6]

285/00 Use of polymers having elements other than silicon, nitrogen, oxygen or carbon only, in the main chain, as reinforcement [6]

286/00 Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups B29K 259/00-B29K 285/00, as reinforcement [6]

295/00 Use of bituminous materials as reinforcement [6]

296/00 Use of specific macromolecular materials not provided for in a single one of main groups B29K 201/00-B29K 295/00, as reinforcement [6]

296/02 • Graft polymers **[6]**
296/04 • Block polymers **[6]**

301/00 Use of unspecified macromolecular compounds as reinforcement (use of unspecified rubbers B29K 221/00) **[6]**

301/10 • Thermosetting resins **[6]**
301/12 • Thermoplastic materials **[6]**

303/00 Use of resin-bonded materials as reinforcement [6]

303/04 • Inorganic materials **[6]**
303/06 • • Metal powders, metal carbides or the like **[6]**
303/08 • • Mineral aggregates, e.g. sand, clay or the like **[6]**

305/00 Use of metals, their alloys or their compounds, as reinforcement [6]

Note(s)

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

305/02 • Aluminium **[6]**
305/04 • Lead **[6]**
305/06 • Tin **[6]**
305/08 • Transition metals **[6]**
305/10 • • Copper **[6]**
305/12 • • Iron **[6]**

307/00 Use of elements other than metals as reinforcement [6]

307/02 • Boron **[6]**
307/04 • Carbon **[6]**

309/00 Use of inorganic materials not provided for in groups B29K 303/00-B29K 307/00, as reinforcement [6]

309/02 • Ceramics **[6]**
309/04 • • Carbides; Nitrides **[6]**
309/06 • Concrete **[6]**
309/08 • Glass **[6]**
309/10 • Mica **[6]**
309/12 • Asbestos **[6]**

311/00 Use of natural products or their composites, not provided for in groups B29K 201/00-B29K 309/00, as reinforcement [6]

311/02 • Cork **[6]**
311/04 • Linoleum **[6]**
311/06 • Bone, horn or ivory **[6]**
311/08 • Leather **[6]**
311/10 • Natural fibres, e.g. wool, cotton **[6]**
311/12 • Paper, e.g. cardboard **[6]**
311/14 • Wood, e.g. woodboard or fibreboard **[6]**

Compositions for fillers [6]

401/00 Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as filler [6]

407/00 Use of natural rubber as filler [6]

409/00 Use of rubber derived from conjugated dienes, as filler [6]

409/06 • SB polymers, i.e. butadiene-styrene polymers **[6]**

419/00 Use of rubber not provided for in a single one of main groups B29K 407/00-B29K 409/00, as filler [6]

421/00 Use of unspecified rubbers as filler [6]

423/00 Use of polyalkenes as filler [6]

425/00 Use of polymers of vinyl-aromatic compounds as filler [6]

427/00 Use of polyvinylhalogenides as filler [6]

427/06 • PVC, i.e. polyvinylchloride **[6]**
427/12 • containing fluorine **[6]**
427/18 • • PTFE, i.e. polytetrafluoroethene **[6]**

429/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals as filler [6]

431/00 Use of polyvinylesters as filler [6]

433/00 Use of polymers of unsaturated acids or derivatives thereof, as filler (B29K 435/00 takes precedence) **[6]**

433/04 • Polymers of esters **[6]**
433/18 • Polymers of nitriles **[6]**
433/20 • • PAN, i.e. polyacrylonitrile **[6]**

435/00 Use of polymers of unsaturated polycarboxylic acids as filler [6]

445/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins, as filler [6]

455/00 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 423/00-B29K 445/00, as filler [6]

455/02 • ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers **[6]**

459/00 Use of polyacetals as filler [6]

461/00 Use of condensation polymers of aldehydes or ketones, as filler [6]

461/04 • Phenoplasts **[6]**

461/20 • Aminoplasts **[6]**

463/00 Use of epoxy resins as filler [6]

467/00 Use of polyesters as filler [6]

469/00 Use of polycarbonates as filler [6]

471/00 Use of polyethers as filler [6]

473/00 Use of other polymers having oxygen as the only hetero atom in the main chain, as filler [6]

475/00 Use of polyureas or polyurethanes as filler [6]

477/00 Use of polyamides, e.g. polyesteramides, as filler [6]

479/00 Use of other polymers having nitrogen, with or without oxygen or carbon only, in the main chain, as filler [6]

481/00 Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as filler [6]

483/00 Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, as filler [6]

485/00 Use of polymers having elements other than silicon, nitrogen, oxygen or carbon only, in the main chain, as filler [6]

486/00 Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups B29K 459/00-B29K 485/00, as filler [6]

491/00 Use of waxes as filler [6]

495/00 Use of bituminous materials as filler [6]

496/00 Use of specific macromolecular materials not provided for in a single one of main groups B29K 401/00-B29K 495/00, as filler [6]

496/02 • Graft polymers **[6]**

496/04 • Block polymers **[6]**

501/00 Use of unspecified macromolecular compounds as filler (use of unspecified rubbers B29K 421/00) **[6]**

501/10 • Thermosetting resins **[6]**

501/12 • Thermoplastic materials **[6]**

503/00 Use of resin-bonded materials as filler [6]

503/04 • Inorganic materials **[6]**

503/06 • • Metal powders, metal carbides or the like **[6]**

503/08 • • Mineral aggregates, e.g. sand, clay or the like **[6]**

505/00 Use of metals, their alloys or their compounds, as filler [6]

Note(s)

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

505/02 • Aluminium **[6]**

505/04 • Lead **[6]**

505/06 • Tin **[6]**

505/08 • Transition metals **[6]**

505/10 • • Copper **[6]**

505/12 • • Iron **[6]**

505/14 • • Noble metals, e.g. silver, gold or platinum **[6]**

507/00 Use of elements other than metals as filler [6]

507/02 • Boron **[6]**

507/04 • Carbon **[6]**

509/00 Use of inorganic materials not provided for in groups B29K 503/00-B29K 507/00, as filler [6]

509/02 • Ceramics **[6]**

509/04 • • Carbides; Nitrides **[6]**

509/06 • Concrete **[6]**

509/08 • Glass **[6]**

509/10 • Mica **[6]**

509/12 • Asbestos **[6]**

511/00 Use of natural products or their composites, not provided for in groups B29K 401/00-B29K 509/00, as filler [6]

511/02 • Cork **[6]**

511/04 • Linoleum **[6]**

511/06 • Bone, horn or ivory **[6]**

511/08 • Leather **[6]**

511/10 • Natural fibres, e.g. wool or cotton **[6]**

511/12 • Paper, e.g. cardboard **[6]**

511/14 • Wood, e.g. woodboard or fibreboard **[6]**

Compositions for preformed parts, e.g. inserts [6]

601/00 Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, for preformed parts, e.g. for inserts [6]

607/00 Use of natural rubber for preformed parts, e.g. for inserts [6]

609/00 Use of rubber derived from conjugated dienes, for preformed parts, e.g. for inserts [6]

609/06 • SB polymers, i.e. butadiene-styrene polymers **[6]**

619/00 Use of rubber not provided for in a single one of main groups B29K 607/00-B29K 609/00, for preformed parts, e.g. for inserts [6]

621/00 Use of unspecified rubbers for preformed parts, e.g. for inserts [6]

623/00 Use of polyalkenes for preformed parts, e.g. for inserts [6]

625/00 Use of polymers of vinyl-aromatic compounds for preformed parts, e.g. for inserts [6]

627/00 Use of polyvinylhalogenides for preformed parts, e.g. for inserts [6]

627/06 • PVC, i.e. polyvinylchloride **[6]**

627/12 • containing fluorine **[6]**

627/18 • • PTFE, i.e. polytetrafluoroethene **[6]**

629/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals for preformed parts, e.g. for inserts [6]

631/00 Use of polyvinylesters for preformed parts, e.g. for inserts [6]

633/00 Use of polymers of unsaturated acids or derivatives thereof, for preformed parts, e.g. for inserts (B29K 635/00 takes precedence) **[6]**

633/04 • Polymers of esters **[6]**

633/18 • Polymers of nitriles **[6]**

633/20 • • PAN, i.e. polyacrylonitrile **[6]**

635/00 Use of polymers of unsaturated polycarboxylic acids for preformed parts, e.g. for inserts [6]

645/00 Use of polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups in a side-chain, e.g. coumarone-indene resins, for preformed parts, e.g. for inserts [6]

655/00 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 623/00-B29K 645/00, for preformed parts, e.g. for inserts [6]

655/02 • ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers **[6]**

659/00 Use of polyacetals for preformed parts, e.g. for inserts [6]

661/00 Use of condensation polymers of aldehydes or ketones, for preformed parts, e.g. for inserts [6]

661/04 • Phenoplasts **[6]**

661/20 • Aminoplasts **[6]**

663/00 Use of epoxy resins for preformed parts, e.g. for inserts [6]

667/00 Use of polyesters for preformed parts, e.g. for inserts [6]

669/00 Use of polycarbonates for preformed parts, e.g. for inserts [6]

671/00 Use of polyethers for preformed parts, e.g. for inserts [6]

673/00 Use of other polymers having oxygen as the only hetero atom in the main chain, for preformed parts, e.g. for inserts [6]

675/00 Use of polyureas or polyurethanes for preformed parts, e.g. for inserts [6]

677/00 Use of polyamides, e.g. polyesteramides, for preformed parts, e.g. for inserts [6]

679/00 Use of other polymers having nitrogen, with or without oxygen or carbon only, in the main chain, for preformed parts, e.g. for inserts [6]

681/00 Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, for preformed parts, e.g. for inserts [6]

683/00 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 [6]

685/00 Use of polymers having elements other than silicon, nitrogen, oxygen or carbon only, in the main chain, for preformed parts, e.g. for inserts [6]

686/00 Use of specific polymers obtained by polycondensation or polyaddition, not provided for in a single one of main groups B29K 659/00-B29K 685/00, for preformed parts, e.g. for inserts [6]

691/00 Use of waxes for preformed parts, e.g. for inserts [6]

695/00 Use of bituminous materials for preformed parts, e.g. for inserts [6]

696/00 Use of specific macromolecular materials not provided for in a single one of main groups B29K 601/00-B29K 695/00, for preformed parts, e.g. for inserts [6]

696/02 • Graft polymers **[6]**

696/04 • Block polymers **[6]**

701/00 Use of unspecified macromolecular compounds for preformed parts, e.g. for inserts (use of unspecified rubbers B29K 621/00) **[6]**

701/10 • Thermosetting resins **[6]**

701/12 • Thermoplastic materials **[6]**

703/00 Use of resin-bonded materials for preformed parts, e.g. for inserts [6]

703/04 • Inorganic materials **[6]**

703/06 • • Metal powders, metal carbides or the like **[6]**

703/08 • • Mineral aggregates, e.g. sand, clay or the like **[6]**

705/00 Use of metals, their alloys or their compounds, for preformed parts, e.g. for inserts [6]

Note(s)

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

705/02 • Aluminium **[6]**

705/04 • Lead **[6]**

705/06 • Tin **[6]**

705/08 • Transition metals **[6]**

705/10 • • Copper **[6]**

705/12 • • Iron **[6]**

705/14 • • Noble metals, e.g. silver, gold or platinum **[6]**

707/00 Use of elements other than metals for preformed parts, e.g. for inserts [6]

707/02 • Boron **[6]**

707/04 • Carbon **[6]**

709/00 Use of inorganic materials not provided for in groups B29K 703/00-B29K 707/00, for preformed parts, e.g. for inserts [6]

709/02 • Ceramics **[6]**

709/04 • • Carbides; Nitrides **[6]**

709/06 • Concrete **[6]**

709/08 • Glass **[6]**

709/10 • Mica **[6]**

709/12 • Asbestos **[6]**

711/00 Use of natural products or their composites, not provided for in groups B29K 601/00-B29K 709/00, for preformed parts, e.g. for inserts [6]

711/02 • Cork **[6]**
711/04 • Linoleum **[6]**
711/06 • Bone, horn or ivory **[6]**
711/08 • Leather **[6]**
711/10 • Natural fibres, e.g. wool or cotton **[6]**
711/12 • Paper, e.g. cardboard **[6]**
711/14 • Wood, e.g. woodboard or fibreboard **[6]**