

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]

<p>1/00 Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as moulding material [4]</p> <p>7/00 Use of natural rubber as moulding material [4]</p> <p>9/00 Use of rubber derived from conjugated dienes, as moulding material [4]</p> <p>9/06 • SB polymers, i.e. butadiene-styrene polymers [4]</p> <p>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]</p> <p>21/00 Use of unspecified rubbers as moulding material [4]</p> <p>23/00 Use of polyalkenes as moulding material [4]</p> <p>25/00 Use of polymers of vinyl-aromatic compounds as moulding material [4]</p> <p>27/00 Use of polyvinylhalogenides as moulding material [4]</p> <p>27/06 • PVC, i.e. polyvinylchloride [4]</p> <p>27/12 • containing fluorine [4]</p> <p>27/18 • • PTFE, i.e. polytetrafluorethene [4]</p> <p>29/00 Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals as moulding material [4]</p> <p>31/00 Use of polyvinylesters as moulding material [4]</p>	<p>33/00 Use of polymers of unsaturated acids or derivatives thereof, as moulding material (B29K 35/00 takes precedence) [4]</p> <p>33/04 • Polymers of esters [4]</p> <p>33/18 • Polymers of nitriles [4]</p> <p>33/20 • • PAN, i.e. polyacrylonitrile [4]</p> <p>35/00 Use of polymers of unsaturated polycarboxylic acids as moulding material [4]</p> <p>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]</p> <p>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]</p> <p>55/02 • ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers [4]</p> <p>59/00 Use of polyacetals as moulding material [4]</p> <p>61/00 Use of condensation polymers of aldehydes or ketones, as moulding material [4]</p> <p>61/04 • Phenoplasts [4]</p> <p>61/20 • Aminoplasts [4]</p> <p>63/00 Use of epoxy resins as moulding material [4]</p> <p>67/00 Use of polyesters as moulding material [4]</p> <p>69/00 Use of polycarbonates as moulding material [4]</p>
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- 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 (B29K 55/02 takes precedence) [4]
 - 96/04 • Block polymers (B29K 55/02 takes precedence) [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, yarns [4]
 - 105/10 • • • oriented [4]
 - 105/12 • • of short lengths, e.g. chopped filaments, staple fibres, 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 (B29K 255/02 takes precedence) [6]
- 296/04 • Block polymers (B29K 255/02 takes precedence) [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, 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, 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]

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- 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 (B29K 455/02 takes precedence) [6]
- 496/04 • Block polymers (B29K 455/02 takes precedence) [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, 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, ivory [6]
- 511/08 • Leather [6]
- 511/10 • Natural fibres, e.g. wool, cotton [6]
- 511/12 • Paper, e.g. cardboard [6]
- 511/14 • Wood, e.g. woodboard, 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]	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]
629/00	Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals 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]
631/00	Use of polyvinylesters 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]
633/00	Use of polymers of unsaturated acids or derivatives thereof, for preformed parts, e.g. for inserts (B29K 635/00 takes precedence) [6]	691/00	Use of waxes for preformed parts, e.g. for inserts [6]
633/04	• Polymers of esters [6]	695/00	Use of bituminous materials for preformed parts, e.g. for inserts [6]
633/18	• Polymers of nitriles [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]
633/20	• • PAN, i.e. polyacrylonitrile [6]	696/02	• Graft polymers (B29K 655/02 takes precedence) [6]
635/00	Use of polymers of unsaturated polycarboxylic acids for preformed parts, e.g. for inserts [6]	696/04	• Block polymers (B29K 655/02 takes precedence) [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]	701/00	Use of unspecified macromolecular compounds for preformed parts, e.g. for inserts (use of unspecified rubbers B29K 621/00) [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]	701/10	• Thermosetting resins [6]
655/02	• ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers [6]	701/12	• Thermoplastic materials [6]
659/00	Use of polyacetals for preformed parts, e.g. for inserts [6]	703/00	Use of resin-bonded materials 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]	703/04	• Inorganic materials [6]
661/04	• Phenoplasts [6]	703/06	• • Metal powders, metal carbides or the like [6]
661/20	• Aminoplasts [6]	703/08	• • Mineral aggregates, e.g. sand, clay or the like [6]
663/00	Use of epoxy resins for preformed parts, e.g. for inserts [6]	705/00	Use of metals, their alloys or their compounds, for preformed parts, e.g. for inserts [6]
667/00	Use of polyesters for preformed parts, e.g. for inserts [6]	705/02	Note(s) Alloys or compounds of specified metals are indexed with the same code as the specified metals.
669/00	Use of polycarbonates for preformed parts, e.g. for inserts [6]	705/04	• Aluminium [6]
671/00	Use of polyethers for preformed parts, e.g. for inserts [6]	705/06	• Lead [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]	705/08	• Tin [6]
675/00	Use of polyureas or polyurethanes for preformed parts, e.g. for inserts [6]	705/10	• Transition metals [6]
677/00	Use of polyamides, e.g. polyesteramides, for preformed parts, e.g. for inserts [6]	705/12	• • Copper [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]	705/14	• • Iron [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]	707/00	• • Noble metals, e.g. silver, gold, platinum [6]
		707/02	Use of elements other than metals for preformed parts, e.g. for inserts [6]
		707/04	• Boron [6]
		709/00	• Carbon [6]
		709/02	Use of inorganic materials not provided for in groups B29K 703/00-B29K 707/00, for preformed parts, e.g. for inserts [6]
		709/04	• Ceramics [6]
		709/06	• • Carbides; Nitrides [6]
		709/08	• Concrete [6]
		709/10	• Glass [6]
		709/12	• Mica [6]
		711/00	• Asbestos [6]
			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]

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