

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
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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]	33/00	Use of polymers of unsaturated acids or derivatives thereof, as moulding material (B29K 35/00 takes precedence) [4]
7/00	Use of natural rubber as moulding material [4]	33/04	• Polymers of esters [4]
9/00	Use of rubber derived from conjugated dienes, as moulding material [4]	33/18	• Polymers of nitriles [4]
9/06	• SB polymers, i.e. butadiene-styrene polymers [4]	33/20	• • PAN, i.e. polyacrylonitrile [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]	35/00	Use of polymers of unsaturated polycarboxylic acids as moulding material [4]
21/00	Use of unspecified rubbers 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]
23/00	Use of polyalkenes 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]
25/00	Use of polymers of vinyl-aromatic compounds as moulding material [4]	55/02	• ABS polymers, i.e. acrylonitrile-butadiene-styrene polymers [4]
27/00	Use of polyvinylhalogenides as moulding material [4]	59/00	Use of polyacetals as moulding material [4]
27/06	• PVC, i.e. polyvinylchloride [4]	61/00	Use of condensation polymers of aldehydes or ketones, as moulding material [4]
27/12	• containing fluorine [4]	61/04	• Phenoplasts [4]
27/18	• • PTFE, i.e. polytetrafluorethene [4]	61/20	• Aminoplasts [4]
29/00	Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals as moulding material [4]	63/00	Use of epoxy resins as moulding material [4]
31/00	Use of polyvinylesters 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 (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]	307/04	• Carbon [6]
269/00	Use of polycarbonates as reinforcement [6]	309/00	Use of inorganic materials not provided for in groups B29K 303/00-B29K 307/00, as reinforcement [6]
271/00	Use of polyethers as reinforcement [6]	309/02	• Ceramics [6]
273/00	Use of other polymers having oxygen as the only hetero atom in the main chain, as reinforcement [6]	309/04	• • Carbides; Nitrides [6]
275/00	Use of polyureas or polyurethanes as reinforcement [6]	309/06	• Concrete [6]
277/00	Use of polyamides, e.g. polyesteramides, as reinforcement [6]	309/08	• Glass [6]
279/00	Use of other polymers having nitrogen, with or without oxygen or carbon only, in the main chain, as reinforcement [6]	309/10	• Mica [6]
281/00	Use of polymers having sulfur, with or without nitrogen, oxygen or carbon only, in the main chain, as reinforcement [6]	309/12	• Asbestos [6]
283/00	Use of polymers having silicon, with or without sulfur, nitrogen, oxygen or carbon only, in the main chain, as reinforcement [6]	311/00	Use of natural products or their composites, not provided for in groups B29K 201/00-B29K 309/00, 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]	311/02	• Cork [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]	311/04	• Linoleum [6]
295/00	Use of bituminous materials as reinforcement [6]	311/06	• Bone, horn, ivory [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]	311/08	• Leather [6]
296/02	• Graft polymers (B29K 255/02 takes precedence) [6]	311/10	• Natural fibres, e.g. wool, cotton [6]
296/04	• Block polymers (B29K 255/02 takes precedence) [6]	311/12	• Paper, e.g. cardboard [6]
301/00	Use of unspecified macromolecular compounds as reinforcement (use of unspecified rubbers B29K 221/00) [6]	311/14	• Wood, e.g. woodboard, fibreboard [6]
301/10	• Thermosetting resins [6]	<u>Compositions for fillers [6]</u>	
301/12	• Thermoplastic materials [6]	401/00	Use of cellulose, modified cellulose or cellulose derivatives, e.g. viscose, as filler [6]
303/00	Use of resin-bonded materials as reinforcement [6]	407/00	Use of natural rubber as filler [6]
303/04	• Inorganic materials [6]	409/00	Use of rubber derived from conjugated dienes, as filler [6]
303/06	• • Metal powders, metal carbides or the like [6]	409/06	• SB polymers, i.e. butadiene-styrene polymers [6]
303/08	• • Mineral aggregates, e.g. sand, clay or the like [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]
305/00	Use of metals, their alloys or their compounds, as reinforcement [6]	421/00	Use of unspecified rubbers as filler [6]
<u>Note(s)</u>		423/00	Use of polyalkenes as filler [6]
Alloys or compounds of specified metals are indexed with the same code as the specified metals.		425/00	Use of polymers of vinyl-aromatic compounds as filler [6]
305/02	• Aluminium [6]	427/00	Use of polyvinylhalogenides as filler [6]
305/04	• Lead [6]	427/06	• PVC, i.e. polyvinylchloride [6]
305/06	• Tin [6]	427/12	• containing fluorine [6]
305/08	• Transition metals [6]	427/18	• • PTFE, i.e. polytetrafluoroethene [6]
305/10	• • Copper [6]	429/00	Use of polyvinylalcohols, polyvinylethers, polyvinylaldehydes, polyvinylketones or polyvinylketals as filler [6]
305/12	• • Iron [6]	431/00	Use of polyvinylesters as filler [6]
307/00	Use of elements other than metals as reinforcement [6]	433/00	Use of polymers of unsaturated acids or derivatives thereof, as filler (B29K 435/00 takes precedence) [6]
307/02	• Boron [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]	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]	705/02	• Aluminium [6]
671/00	Use of polyethers for preformed parts, e.g. for inserts [6]	705/04	• 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]	705/06	• Tin [6]
675/00	Use of polyureas or polyurethanes for preformed parts, e.g. for inserts [6]	705/08	• Transition metals [6]
677/00	Use of polyamides, e.g. polyesteramides, for preformed parts, e.g. for inserts [6]	705/10	• • 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]	705/12	• • 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]	705/14	• • Noble metals, e.g. silver, gold, 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]

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