

## 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> |
|--|---|



- 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 | <b>Note(s)</b><br>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]  |

**B29K**

- 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]