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)

B29B  PREPARATION OR PRETREATMENT OF THE MATERIAL TO BE SHAPED;
      MAKING GRANULES OR PREFORMS; RECOVERY OF PLASTICS OR OTHER
      CONSTITUENTS OF WASTE MATERIAL CONTAINING PLASTICS

WARNING
   In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

7/00  Mixing; Kneading  ([for preparation of dough A21C 1/00;] in general B01F; combined with calendering B29C 43/24, with injection B29C 45/46, with extrusion B29C 48/36)
   7/002  . [Methods (chemical aspects C08J 3/00)]
   7/005  . . (for mixing in batches)
   7/007  . . (for continuous mixing)
   7/02  . non-continuous, with mechanical mixing or kneading devices, i.e. batch type
   7/04  . . with non-movable mixing or kneading devices
   7/06  . . with movable mixing or kneading devices
   7/08  . . shaking, oscillating or vibrating
   7/085  . . . . . . [by means of axially movable pistons]
   7/10  . . . . . . rotary
   7/103  . . . . . . [with rollers or the like in casings]
   7/106  . . . . . . [using rotary casings]
   7/12  . . . . . . with single shaft
   7/125  . . . . . . . . . . . . . . . . . . [having a casing closely surrounding the rotor, e.g. for masticating rubber (with more than one shaft B29B 7/183); Rotors therefor (B29B 7/14, B29B 7/16 take precedence)]
   7/14  . . . . . . with screw or helix
   7/16  . . . . . . with paddles or arms
   7/18  . . . . . . with more than one shaft
   7/183  . . . . . . . . . . . . . . . . . . [having a casing closely surrounding the rotors, e.g. of Banbury type (with single shaft B29B 7/125)]
   7/186  . . . . . . . . . . . . . . . . . . [Rotors therefor]
   7/20  . . . . . . with intermeshing devices, e.g. screws
   7/22  . . . Component parts, details or accessories; Auxiliary operations
   7/24  . . . . . . for feeding
   7/242  . . . . . . [in measured doses]
   7/244  . . . . . . [of several materials]
   7/246  . . . . . . [in mixers having more than one rotor and a casing closely surrounding the rotors, e.g. with feeding plungers]

7/248  . . . . . . [with plungers for introducing the material, e.g. from below (B29B 7/246 takes precedence)]
   7/26  . . . . . . for discharging, e.g. doors
   7/263  . . . . . . [from the underside in mixers having more than one rotor and a casing closely surrounding the rotors]
   7/266  . . . . . . [using sliding doors]
   7/28  . . . . . . for measuring, controlling or regulating, e.g. viscosity control [(B29B 7/242 takes precedence)]
   7/283  . . . . . . [measuring data of the driving system, e.g. torque, speed, power]
   7/286  . . . . . . [measuring properties of the mixture, e.g. temperature, density (B29B 7/283 takes precedence)]
   7/30  . . . . . . continuous, with mechanical mixing or kneading devices
   7/32  . . . . . . with non-movable mixing or kneading devices
   7/325  . . . . . . [Static mixers (in general B01F 5/0602)]
   7/34  . . . . . . with movable mixing or kneading devices
   7/36  . . . . . . shaking, oscillating or vibrating
   7/365  . . . . . . [by means of axially movable pistons]
   7/38  . . . . . . rotary (B29B 7/52 takes precedence)
   7/385  . . . . . . [fluid mixers]
   7/40  . . . . . . with single shaft
   7/401  . . . . . . [having a casing closely surrounding the rotor, e.g. with a plunger for feeding the material (B29B 7/407, B29B 7/42 takes precedence)]
   7/402  . . . . . . [using a rotor-stator system with intermeshing elements, e.g. teeth (B29B 7/408, B29B 7/404 takes precedence)]
   7/404  . . . . . . [with feeding or valve actuating means, e.g. with cleaning means]
   7/405  . . . . . . [Mixing heads (B29B 7/404, B29B 7/42 take precedence; mixing heads without moving stirrer B29B 7/7457)]
   7/407  . . . . . . [with a casing closely surrounding the rotor, e.g. with conical rotor]
7/408 . . . . . . [with mixing elements on a rotor co-operating with mixing elements, perpendicular to the axis of the rotor, fixed on a stator]

7/42 . . . . . . with screw or helix

7/421 . . . . . . [with screw and additionally other mixing elements on the same shaft, e.g. paddles, discs, bearings, rotor blades of the Banbury type]

7/422 . . . . . . [with screw sections co-operating, e.g. intermeshing, with elements on the wall of the surrounding casing]

7/423 . . . . . . [and oscillating axially (in general B01F 11/0057)]

7/424 . . . . . . with conical screw surrounded by conical casing

7/425 . . . . . . [with screw surrounded by a casing provided with grooves or cavities]

7/426 . . . . . . [with consecutive casings or screws, e.g. for charging, discharging, mixing]

7/427 . . . . . . [with independently driven screws rotating about the same axis, e.g. oscillating axially; with axially oscillating screws (B29B 7/423 takes precedence)]

7/428 . . . . . . [Parts or accessories, e.g. casings, feeding or discharging means]

7/429 . . . . . . [Screws (B29B 7/421 takes precedence)]

7/44 . . . . . . with paddles or arms

7/46 . . . . . . with more than one shaft

7/465 . . . . . . [each shaft comprising rotor parts of the Banbury type in addition to screw parts]

7/48 . . . . . . with intermeshing devices, e.g. screws

7/481 . . . . . . [provided with paddles, gears or discs (B29B 7/482 takes precedence)]

7/482 . . . . . . [provided with screw parts in addition to other mixing parts, e.g. paddles, gears, discs]

7/483 . . . . . . (the other mixing parts being discs perpendicular to the screw axis)

7/484 . . . . . . [with two shafts provided with screws, e.g. one screw being shorter than the other (B29B 7/482 takes precedence)]

7/485 . . . . . . [with three or more shafts provided with screws]

7/486 . . . . . . [with screws surrounded by a casing provided with grooves or cavities]

7/487 . . . . . . [with consecutive casings or screws, e.g. for feeding, discharging, mixing]

7/488 . . . . . . [Parts, e.g. casings, sealings; Accessories, e.g. flow controlling or throttling devices (discharging B29B 7/582; feeding B29B 7/60)]

7/489 . . . . . . [Screws (B29B 7/482 takes precedence)]

7/50 . . . . . . with rotary casing

7/52 . . . . . . with rollers or the like, e.g. calenders

7/523 . . . . . . [co-operating with casings]

7/526 . . . . . . [with two or more rollers]

7/54 . . . . . . with a single roller co-operating with a stationary member [other than the casing]

7/56 . . . . . . with co-operating rollers [, e.g. with repeated action, i.e. the material leaving a set of rollers being conducted to the same set or being conducted to a next set]

7/562 . . . . . . [with means for axially moving the material on the rollers]

7/564 . . . . . . [at least one of the rollers being provided with helicoidal grooves or ridges, e.g. followed by axial extrusion]

7/566 . . . . . . [provided with means to take material away from a set of rollers and to reconnect it to the same set; provided with endless belts, e.g. which can be in or out of cooperation with at least one of the rollers]

7/568 . . . . . . [with consecutive sets of rollers or a train of rollers]

7/58 . . . . . . Component parts, details or accessories; Auxiliary operations

7/582 . . . . . . [for discharging, e.g. doors]

7/584 . . . . . . [for mixers with rollers, e.g. wedges, guides, pressing means, thermal conditioning]

7/586 . . . . . . [Drives]

7/588 . . . . . . [cutting devices, e.g. movable cutting devices (scrapers for stripping the material from rollers B29B 7/645)]

7/60 . . . . . . for feeding, e.g. end guides for the incoming material (B29B 7/7615 takes precedence; feeding predetermined amounts for mixing in general B01F 15/0216)

7/603 . . . . . . [in measured doses, e.g. proportioning of several materials]

7/606 . . . . . . [specially adapted for feeding calenders or the like]

7/62 . . . . . . Rollers, e.g. with grooves (B29B 7/564 takes precedence)

7/625 . . . . . . [provided with cooling or heating means]

7/64 . . . . . . Stripping the material from the rollers

7/645 . . . . . . [by means of a scraper moving in the axial direction of the rollers]

7/66 . . . . . . Recycling the material (B29B 7/566 takes precedence)

7/68 . . . . . . Positioning of rollers

7/70 . . . . . . Conditioning of rollers, e.g. cleaning

7/72 . . . . . . Measuring, controlling or regulating

7/722 . . . . . . [Safety devices]

7/724 . . . . . . [for continuous roller mixers, e.g. calenders (B29B 7/722 takes precedence)]

7/726 . . . . . . [Measuring properties of mixture, e.g. temperature or density (B29B 7/724 takes precedence)]

7/728 . . . . . . [Measuring data of the driving system, e.g. torque, speed, power, vibration (B29B 7/724 takes precedence)]

7/74 . . . . . . using other mixers or combinations of {mixers, e.g. of} dissimilar mixers [{; Plant}]

7/7404 . . . . . . [Mixing devices specially adapted for foamlable substances (B29B 7/76 takes precedence)]

7/7409 . . . . . . [with supply of gas]

7/7414 . . . . . . [with rotatable stirrer, e.g. using an intermeshing rotor-stator system (B29B 7/423 takes precedence)]

7/7419 . . . . . . [with static or injector mixer elements]
B29B

7/7423 . . . . [preceded or followed by rotatable stirring device]
7/7428 . . . . [Methodical aspects]
7/7433 . . . . [Plants]
7/7438 . . . . [Mixing guns, i.e. hand-held mixing units having dispensing means (B29B 7/761, B29B 7/7678 take precedence)]
7/7442 . . . . [with driven stirrer]
7/7447 . . . . [including means for feeding the components]
7/7452 . . . . [for mixing components by spraying them into each other; for mixing by intersecting sheets]
7/7457 . . . . [Mixing heads without moving stirrer (B29B 7/7438, B29B 7/76 take precedence)]
7/7461 . . . . [Combinations of dissimilar mixers]
7/7466 . . . . [Combinations of similar mixers]
7/7471 . . . . [Mixers in which the mixing takes place at the inlet of a mould, e.g. mixing chambers situated in the mould opening]
7/7476 . . . . [Systems, i.e. flow charts or diagrams; Plants]
7/748 . . . . [Plants (B29B 7/7433, B29B 7/7485, B29B 7/7495 take precedence)]
7/7485 . . . . [with consecutive mixers, e.g. with premixing some of the components]
7/749 . . . . [with stirring means for the individual components before they are mixed together]
7/7495 . . . . [for mixing rubber]
7/76 . . . . [Mixers] with stream-impingement mixing head
7/7605 . . . . [having additional mixing arrangements (B29B 7/7673 takes precedence)]
7/761 . . . . [of gun-type, i.e. hand-held units having dispensing means (B29B 7/7678 takes precedence)]
7/7615 . . . . [characterised by arrangements for controlling, measuring or regulating, e.g. for feeding or proportioning the components]
7/7621 . . . . [involving introducing a gas or another component in at least one of the components]
7/7626 . . . . [using measuring chambers of piston or plunger type (B29B 7/7621 takes precedence; for mixing in general B01F 15/0454)]
7/7631 . . . . [Parts; Accessories (B29B 7/7684 takes precedence)]
7/7636 . . . . [Construction of the feed orifices, bores, ports]
7/7642 . . . . [Adjustable feed orifices, e.g. for controlling the rate of feeding]
7/7647 . . . . [Construction of the mixing conduit module or chamber part]
7/7652 . . . . [Construction of the discharge orifice, opening or nozzle]
7/7657 . . . . [Adjustable discharge orifices, openings or nozzle openings, e.g. for controlling the rate of dispensing]
7/7663 . . . . [the mixing head having an outlet tube with a reciprocating plunger, e.g. with the jets impinging in the tube]
7/7668 . . . . [having a second tube intersecting the first one with the jets impinging in the second tube]
7/7673 . . . . [having additional mixing arrangements (B29B 7/7668 takes precedence)]
7/7678 . . . . [of the gun type, i.e. hand-held units]
7/7684 . . . . [Parts; Accessories]
7/7689 . . . . [Plunger constructions]
7/7694 . . . . [comprising recirculation channels; ducts formed in the plunger]
7/78 . . . . by gravity, e.g. falling particle mixers
7/80 . . . . Component parts, details or accessories; Auxiliary operations (B29B 7/22, B29B 7/58 take precedence (cleaning mixers B01F 15/00019))
7/801 . . . . [Valves]
7/802 . . . . [Constructions or methods for cleaning the mixing or kneading device (cleaning in general B08B)]
7/803 . . . . [Cleaning of mixers of the gun type, stream-impingement type, mixing heads]
7/805 . . . . [Cleaning of the mixing conduit, module or chamber part]
7/806 . . . . [Cleaning of the discharge opening, e.g. orifice of the dispenser]
7/807 . . . . [Cleaning of the central body of the plunger]
7/808 . . . . [Cleaning of the plunger tip]
7/82 . . . . Heating or cooling
7/823 . . . . [Temperature control]
7/826 . . . . [Apparatus therefor]
7/84 . . . . [Venting or degassing (Removing liquids, e.g. by evaporating components)]
7/842 . . . . [Removing liquids in liquid form]
7/845 . . . . [Venting, degassing or removing evaporated components in devices with rotary stirrers]
7/847 . . . . [Removing of gaseous components before or after mixing]
7/86 . . . . for working at sub- or superatmospheric pressure (B01F 13/06 takes precedence)]
7/88 . . . . Adding charges (i.e. additives)
7/885 . . . . [with means for treating, e.g. milling, the charges (B29B 7/905 takes precedence)]
7/90 . . . . Fillers or reinforcements (e.g. fibres)
7/905 . . . . [with means for pretreatment of the charges or fibres]
7/92 . . . . Wood chips or wood fibres
7/94 . . . . Liquid charges
7/945 . . . . [involving coating particles]
9/00 Making granules (in general B01J; chemical aspects C08J 3/12)
9/02 . . . . by dividing preformed material
9/04 . . . . in the form of plates or sheets
9/06 . . . . in the form of filamentary material, e.g. combined with extrusion
9/065 . . . . [under-water, e.g. underwater pelletizers]
9/08 . . . . by agglomerating smaller particles
9/10 . . . . by moulding the material, i.e. treating it in the molten state
9/12 . . . . characterised by structure or composition
2009/125 . . . [Micropellets, microgranules, microparticles]
9/14 . . . . fibre-reinforced
9/16 . . . . Auxiliary treatment of granules
2009/161 . . . [Absorbing, i.e. introducing a gas, a liquid or a solid material into the granules]
2009/163 . . . [Coating, i.e. applying a layer of liquid or solid material on the granule]
2009/165 . . . [Crystallizing granules]
2009/166 . . . [Deforming granules to give a special form, e.g. spheroidizing, rounding]
11/00 Making preforms (B29C 61/06 takes precedence \[ combined with blow-moulding B29C 49/02, with thermoforming B29C 51/02; making preforms for manufacturing of light guides B29D 11/00/21\])

11/02 . by dividing preformed material, e.g. sheets, rods
11/04 . by assembling preformed material
11/06 . by moulding the material
11/08 . Injection moulding
11/10 . Extrusion moulding
11/12 . Compression moulding
11/14 . characterised by structure or composition
11/16 . comprising fillers or reinforcement [(non-woven fabrics per se D04H 1/00; D04H 3/00)]

13/00 Conditioning or physical treatment of the material to be shaped (chemical aspects C08J 3/00 \[ heating, cooling or curing during shaping B29C 35/00; thermal after-treatment B29C 71/02\])

2013/002 . (Extracting undesirable residual components, e.g. solvents, unreacted monomers, from material to be moulded)
2013/005 . (Degassing undesirable residual components, e.g. gases, unreacted monomers, from material to be moulded)
13/007 . (Treatment of sinter powders)
13/02 . by heating (B29B 13/06, B29B 13/08 take precedence)
13/021 . (Heat treatment of powders)
13/022 . (Melting the material to be shaped)
13/023 . (Half-products, e.g. films, plates)
13/024 . (Hollow bodies, e.g. tubes or profiles)
13/025 . . . . (Tube ends)
13/026 . . . . (Obtaining a uniform temperature over the whole surface of films or tubes)
13/027 . . . . (Obtaining a temperature gradient over the surface of films or tubes)
13/028 . . . . (Obtaining a temperature gradient across the wall thickness of plates or tubes)
13/04 . by cooling (cooling moulded articles or half products B29C 35/16)
13/045 . . . . (of powders or pellets)
13/06 . by drying (B29B 13/08 takes precedence \[ drying moulded articles or half products B29C 37/06/2\])
13/065 . . . . (of powder or pellets)
13/08 . by using wave energy or particle radiation
13/10 . by grinding, e.g. by triturating; by sieving; by filtering

15/00 Pretreatment of the material to be shaped, not covered by groups B29B 7/00 - B29B 13/00

15/02 . of crude rubber, gutta-percha, or similar substances (tapping latex A01G; chemical aspects C08C)
15/023 . . . . (Breaking up rubber bales)
15/026 . . . . (Baling of rubber)
15/04 . . . . Coagulating devices
15/06 . . . . Washing devices
15/08 . of reinforcements or fillers (chemical aspects C08J, C08K)

15/10 . Coating or impregnating { independently of the moulding or shaping step } (applying liquids in general B05)

NOTE

Where the coating or impregnating is combined with moulding the documents are classified in B29C 52/066, B29C 70/00

15/105 . . . . (of reinforcement of definite length with a matrix in solid form, e.g. powder, fibre or sheet form (calendering B29C 70/066))
15/12 . . . . (of reinforcements of indefinite length)
15/122 . . . . (with a matrix in liquid form, e.g. as melt, solution or latex)
15/125 . . . . (by dipping)
15/127 . . . . (by spraying)
15/14 . . . . of filaments or wires

17/00 Recovery of plastics or other constituents of waste material containing plastics: \( (volume reduction of waste plastics, e.g. by mechanical compacting or melting disposal of solid waste B09B; \) chemical recovery C08J 11/00\)

17/0005 . . . . (Direct recuperation and re-use of scrap material during moulding operation, i.e. feed-back of used material)
17/001 . . . . (Pretreating the materials before recovery)
17/0015 . . . . (Washing, rinsing)
17/0021 . . . . (Dividing in large parts)
17/0026 . . . . (by agglomeration or compacting)
17/0031 . . . . (Melting the outer surface of compressed waste, e.g. for forming briquets by expelling the compressed waste material through a heated tool)
17/0036 . . . . (of large particles, e.g. beads, granules, pellets, flakes, slices)
17/0042 . . . . (for shaping parts, e.g. multilayered parts with at least one layer containing regenerated plastic)
17/0047 . . . . (Compacting complete waste articles)
17/0052 . . . . (Hollow articles, e.g. bottles)
17/0057 . . . . (Externally powered deformation tools, e.g. tools being part of relatively big non domestic installations, powered by motors)
17/0063 . . . . (Manually driven deformation tools, e.g. tools being part of domestic installations)
17/0068 . . . . (Softening the hollow articles by heat and causing permanent deformation)
17/0073 . . . . (Removing caps or labels during deformation)
17/0078 . . . . (Maintaining the deflated state, e.g. by mounting original screw lids after deformation)
17/0084 . . . . (Deflating the hollow articles by vacuum; Details of the nozzles used in the vacuum generating devices)
17/0089 . . . . (Recycling systems, wherein the flow of products between producers, sellers and consumers includes at least a recycling step, e.g. the products being fed back to the sellers or to the producers for recycling purposes)
17/0094 . . . . (Mobile recycling devices, e.g. devices installed in truck trailers)
17/02 . . . . Separating plastics from other materials
17/0203 . . . . (Separating plastics from plastics)
Disintegrating plastics, e.g. by milling, B29B 11/02, B29B 13/10

Specific disintegrating techniques; devices therefor,

[Electrostatic separation]

[Screens, sieves]

[Centrifugating, cyclones]

[using gravity, e.g. separating by weight differences in a wind sifter]

[using density difference]

[in gas, e.g. air flow]

[in liquids]

[Froth flotation, i.e. wherein gas bubbles are attached to suspended particles in an aerated liquid]

[Hydropulping for converting the material under the influence of water into a slurry, e.g. for separating laminated plastic from paper]

[using different melting or softening temperatures of the materials to be separated]

[using heated surfaces for selective softening or melting of at least one plastic ingredient]

[using electrical characteristics]

[Separation of metals]

[Magnetic separation]

[using chemical sensors, e.g. analysing gasified constituents]

[Optical identification, e.g. cameras or spectroscopy]

[using information associated with the materials, e.g. labels on products]

[Cleaning means used for separation]

[Washing the materials in liquids]

[Disolving the materials in gases or liquids]

[Disolving the materials in aqueous alkaline solutions, e.g. NaOH or KOH]

[Disintegrating plastics, e.g. by milling]

[Cutting discs]

[the discs containing abrasives]

[Pressing tools with calibrated openings, e.g. in sizing plates, for disintegrating solid materials]

[Extruder as pressing tool with calibrated die openings for forming and disintegrating pasty or melted material]

[Solid state shear extrusion pulverisation]

[Crushing, i.e. disintegrating into small particles]

[Balls or rollers in a container]

[Cutting or tearing members, e.g. spiked or toothed cylinders or intermeshing rollers]

[Grinding tools, roller mills or disc mills]

[Hammers or beaters]

[Projecting the material on stationary or moving impact surfaces or plates]

[Pyrolysing the materials]

Indexing scheme related to making preforms for blow-moulding bottles or the like (not used)

Layer configuration, geometry, dimensions or physical properties of preforms for blow-moulding bottles or the like (not used)

layer configuration (not used)

monolayered

at neck portion

at flange portion

at body portion

at bottom portion

multilayered

at neck portion

partially

at flange portion

partially

at body portion

partially

at bottom portion

partially

having at least one layer

having at least two layers

having at least three layers

having more than three layers

having at least one layer being injected

having at least two layers being injected

having at least two layers being injected

having at least three layers being injected

having more than three layers being injected

having at least one layer being extruded

having at least two layers being extruded

having at least three layers being extruded

having more than three layers being extruded

having at least one layer being thermoformed

having at least two layers being thermoformed

having at least three layers being thermoformed

having more than three layers being thermoformed
Geometry (not used)

- Variable wall thickness
- Type of said techniques not covered by B29B 2911/14133 - B29B 2911/14213
- Special shape
- Special overall shape
- Axially asymmetrical
- Elliptic or oval cross-section shape
- Rectangular cross-section shape
- Hexagonal cross-section shape
- Shape allows stacking or nesting
- Special shape of specific parts of preform
- Special lip, i.e. very top of preform neck
- Special neck
- Wide-mouth
- Closure retaining means
- Threads
- Interrupted threads

- Internal separating wall
- Ribs or protrusions
- Variable diameter
- at neck portion
- at flange portion
- at body portion
- Internal separating wall
- at bottom portion
- Variable wall thickness
- by welding
- by using adhesives
- Special overall shape
- Special neck of the lip, i.e. the very top of the preform neck
- Handle
- Closure
- Transport means
- Dispensing spout
- Parts to assist orientation of preform, e.g. in mould
- at neck portion
- at flange portion
- at body portion
- at bottom portion
- Preform, i.e. neck, flange, body and bottom, made of several individual parts
- Finish neck ring
- Mentioned dimensions (not used)
- Wall thickness
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Diameter, D
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Ratio L/D
- Angle
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Powder coating
- Spray coating
- Dip coating
- Casting
- Interaction between at least two layers
- Made of several individual parts
- of the body
- of the flange
- of the tamper-evident band retaining ring
- of the threads
- of the neck
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Ratio L/D
- Angle
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Ratio L/D
- Angle
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
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- of the body
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- of a layer
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- Angle
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- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Ratio L/D
- Angle
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Ratio L/D
- Angle
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
- of the body
- of the bottom
- of a layer
- Height, length, L
- of the lip, i.e. the very top of the preform neck
- of the neck
- of the threads
- of the tamper-evident band retaining ring
- of the flange
of the bottom
of a layer
Curvature, e.g. radius
of the lip, i.e. the very top of the preform neck
of the neck
of the threads
of the tamper-evident band retaining ring
of the flange
of the body
of the bottom
of a layer
Mentioned values not covered by B29B 2911/14586
Crystallinity
at the neck portion
at the flange portion
at the body portion
at the bottom portion
Surface roughness
at the neck portion
at the flange portion
at the body portion
at the bottom portion
Optical properties
Weight
Composition
Recycled material