Technical data sheet

Doc. Revision Av_10 | Rev. date 22/06/2018



PL 317/319/323/324/325/326

Narrow mouth bottles - Round base - Graduated

GENERAL FEATURES						
Raw material	Body	Low density polyethylene (LDPE)				
	Cap	Polypropylene (PP)				
	Inner-cap	Low density polyethylene (LDPE)				
Usage	Suitable for the storage of liquids, powders, granulates, they feature a deep neck thread and inner-cap for a perfect seal. The precise graduation allows volume filling without the use of beakers or cylinders. The total bottle emptying is ensured by steep shoulders inclination.					
Colour	Semi transparent	Body Neutral		Cap Neutral		
Temperature range	-20°C / +70°C					
Autoclavable	No					
Sterilization	By radiation					
Conformity with standards	-					
Food contact compliance	Bottles are certified as food contact material (FCM). They meet relevant requirements of the following directives or regulations: 1935/2004/CE as amended, UE 10/2011 as amended					
Items code PL	317	319	323	324	325	326
DIMENSIONS						
Capacity	50 ml	125 ml	250 ml	500 ml	1000 ml	2000 ml
Handles	Yes	Yes			100 ml	100 ml
Mouth internal diameter	18,5 mm	18,5 mm	23 mm	23 mm	34,5 mm	34,5 mm
Diameter (external):	39 mm	48 mm	60 mm	74 mm	93 mm	116 mm
Height	76 mm	115 mm	138 mm	165 mm	213 mm	273 mm
Normalized neck	-	-	-	-	-	-
Dimensional tolerances	± 1 mm	± 1 mm	± 1 mm	± 1 mm	± 1 mm	± 1 mm
Graduation	10 ml	20 ml	25 ml	50 ml		
PACKAGING						
Pieces per bag	100 pcs	100 pcs	50 pcs	-	-	-
Pieces per box	600 pcs	300 pcs	350 pcs	115 pcs	100 pcs	55 pcs
Pieces per pallet	9600 pcs	4800 pcs	2800 pcs	1840 pcs	800 pcs	440 pcs
Pallet dimensions	80x120x220 cm					

Quality Assurance
Mirko Cortiana

Digital print-out document. No signature required

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OTHER REMARKS	Holes on the shoulder and cap to enable the use of security seals.

CHEMICAL COMPATIBILITY

Polyethylene and polypropylene based polymers are normally suitable for room-temperature contact with many organic solvents, diluted solutions of acids, bases and salts. They are typically not suitable for use with concentrated oxidizing acid and halogenated solvents. Detailed information on physical properties and chemical resistance (including concentration and temperature effect) is available upon request.

Several factors however may effect chemical comptibility such as temperature, concentration, contact time, presence of internal stress, wall/film thickness. The user is advised to make its own tests to determine the suitability of polymer for the particular environment/application.

STORAGE CONDITIONS

Product should be stored in its original packaging and kept dry at all times. If product is delivered on pallet regular inspection is suggested. Storage area should be clean and dry. Never expose product to direct sunlight.

Optimum storage temperature is between 10°C and 30°C, 20% to 80% RH

Avoid prolonged storage at extreme temperature. Do not exceed the following limits: -10°C / +40°C

LEGAL DISCLAIMER

The information provided in this document is intended for informational purposes only and is subject to change without notice. LAMAPLAST reserve the right to make improvements and/or changes in the product described at any time without notice.