

Producer: Unipetrol RPA / Czech Republic

HDPE LITEN BB 29

Description:

LITEN BB 29 is a copolymer with broad molecular weight distribution. It is easily processible, exhibits good impact strength, toughness and resistance to tensoactive substances and chemicals. Typical application is manufacture of containers up to 120 liters, non-pressure pipes, as well as manufacture of toys and packages for pharmaceutical purposes.

LITEN BB 29 is certified to use the UL (Underwriters Laboratories) Recognized Component Mark (B), file E309477.

PROPERTIES	UNIT	TYPICAL VALUE	TESTING METHOD
Melt Flow Rate (190/2,16)	g/10 min	0.15	ISO 1133
Melt Flow Rate (190/5)	g/10 min	0.70	ISO 1133
Melt Flow Rate (190/21,6)	g/10 min	16.00	ISO 1133
Density	kg/m ³	950	ISO 1183
Yield Stress	MPa	24	ISO 527
Tensile Strain At Yield	%	10.0	ISO 527
Flexural Modulus	MPa	1100	ISO 178
Charpy Notched Impact Strength 23°C	kJ/m ²	12.0	ISO 179
Charpy Notched Impact Strength -30°C	kJ/m ²	5.0	ISO 179
Vicat Softening Temperature	°C	125	ISO 306
Shore Hardness D	-	60	ISO 868
ESCR F50; 50°C; 100% Detergent	h	350	ASTM D1693
Content Of Carbon Black	%	-	ISO 6469

Data from table are represent typical values of each property. It is informative data, i.e. Doesn't extent of specification of this type.

Notice:

LITEN FB 29 meets the hygienic requirements an materials and articles intended for contact with foodstuffs according to Regulation (EC) 1935/2004 of the European Parliament and of the Council, as well as according to Commission Regulation (EU) No 10/2011 including changes and additions.