

LITEN BB 29 F

Polyethylene Copolymer

Unipetrol RPA, s.r.o.

Message:

LITEN BB 29 F is a copolymer with broad molecular weight distribution. It is suitable for blow moulding of containers up to 120 liter. The grade exhibits improved procesability, good balance among impact strength, toughness and resistance to tensoactive substances and chemicals.

LITEN BB 29 F meets the hygienic requirements on 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.

General Information			
Features	Copolymer		
	Workability, good		
	Wide molecular weight distribution		
	Compliance of Food Exposure		
Uses	Blown Containers		
	Container		
Agency Ratings	EC 1935/2004		
	Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.22	g/10 min	ISO 1133
190°C/21.6 kg	20	g/10 min	ISO 1133
190°C/5.0 kg	1.1	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (50°C, 100% Detergent, F50)	400	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	24.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	5.0	kJ/m ²	ISO 179
23°C	10	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ISO 306

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Recommended distributors for this material

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