LITEN FB 29 F

Polyethylene Copolymer

Unipetrol RPA, s.r.o.

Message:

LITEN FB 29 F is a copolymer with broad molecular weight distribution, suitable for production of blown packaging films of minimal thickness of 15 µm. LITEN FB 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 Wide molecular weight distribution Compliance of Food Exposure		
Uses	Blown Film Packaging		
Agency Ratings	EC 1935/2004 Europe 10/1/2011 12:00:00 AM		
Forms	Particle		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.950	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.20	g/10 min	ISO 1133
190°C/21.6 kg	20	g/10 min	ISO 1133
190°C/5.0 kg	1.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (50°C, 100% Detergent, F50)	400	hr	ASTM D1693
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	60		ISO 868
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/m²	ISO 179
23°C	10	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	124	°C	ISO 306

Recommended distributors for this material

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