

# BRALEN® FB 2-17

Low Density Polyethylene

Slovnaft Petrochemicals, s.r.o.

## Message:

BRALEN FB 2-17 is a film grade of low density polyethylene. This grade is additives free.

### Applications

BRALEN FB 08-65 is designed for production of shrink, technical and other packaging films. This grade can be used also for production of carrier bags.

Recommended film thickness is 0.04 - 0.10 mm.

BRALEN FB 08-65 is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Features	Additive Free		
	Food Contact Acceptable		
	Low Density		
	Recyclable Material		
Uses	Film		
	Microfoamed Sheet		
	Packaging		
	Pharmaceutical Packaging		
	Profiles		
Forms	Pellets		
Processing Method	Film Extrusion		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ISO 1183/C
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	45		ISO 868
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	
Film Thickness - Recommended / Available	0.04 to 0.08 mm		
Tensile Strength			ISO 527-3
MD : 40 µm, Blown Film	23.0	MPa	
TD : 40 µm, Blown Film	19.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 40 µm, Blown Film	300	%	

TD : Break, 40 µm, Blown Film	500	%	
Dart Drop Impact (40 µm, Blown Film)	90	g	ISO 7765-1/A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Haze (40.0 µm, Blown Film)	8.0	%	ISO 14782
Extrusion	Nominal Value	Unit	
Melt Temperature	150 to 165	°C	

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#### Recommended distributors for this material

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