

# BRALEN® FB 08-64

Low Density Polyethylene

Slovnaft Petrochemicals, s.r.o.

## Message:

BRALEN FB 08-64 is a film grade of low density polyethylene. This grade is additives free.

### Applications

BRALEN FB 08-64 is used for the production of non-slip shrink for collation packaging and technical films. Recommended film thickness is 0.04 - 0.10 mm.

This grade can be used also for extrusion of small profiles.

BRALEN FB 08-64 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		
	Non-specific Food Applications		
	Packaging		
	Profiles		
	Shrink Wrap		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm <sup>3</sup>	ISO 1183/C
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	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 0.1 mm		
Tensile Strength			ISO 527-3
MD : 40 µm, Blown Film	25.0	MPa	
TD : 40 µm, Blown Film	20.0	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)	170	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)	12	%	ISO 14782
Extrusion	Nominal Value	Unit	
Melt Temperature	170 to 200	°C	

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#### Recommended distributors for this material

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