

# BRALEN® FB 2-30

Low Density Polyethylene

Slovnaft Petrochemicals, s.r.o.

## Message:

BRALEN FB 2-30 is a film grade of low density polyethylene. It contains slip, antiblocking, antistatic agents and antioxidant.

### Applications

BRALEN FB 2-30 is designed for production of thin slip films for automatic packaging. Recommended film thickness for this grade is 0.025 - 0.06 mm.

BRALEN FB 2-30 is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Additive	Antiblock (1000 ppm)		
	Antioxidant		
	Antistatic		
	Slip (600 ppm)		
Features	Antiblocking		
	Antioxidant		
	Antistatic		
	Food Contact Acceptable		
	Low Density		
	Recyclable Material		
	Slip		
Uses	Film		
	Packaging		
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)	2.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	43		ISO 868
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	
Film Thickness - Recommended / Available	0.025 to 0.06		
Tensile Strength			ISO 527-3
MD : 40 µm, Blown Film	22.0	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)	100	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)	9.0	%	ISO 14782
Extrusion	Nominal Value	Unit	
Melt Temperature	150 to 165	°C	

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

