

BRALEN® FB 03-53

Low Density Polyethylene

Slovnaft Petrochemicals, s.r.o.

Message:

BRALEN FB 03-53 is a film grade of low density polyethylene containing UV stabilizers.

Applications

BRALEN FB 03-53 is designed for production of technical and shrink wrapping films, especially where a good weathering resistant is required. Films are characterized by very good mechanical properties. Films for agriculture usage are typical applications.

BRALEN FB 03-53 is not recommended for food contact applications.

General Information			
Additive	UV Stabilizer		
Features	Good Weather Resistance		
	Low Density		
	Recyclable Material		
Uses	Agricultural Applications		
	Film		
	Shrink Wrap		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183/C
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	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	70	µm	
Film Thickness - Recommended / Available	0.07 to 0.25 mm		
Tensile Strength			ISO 527-3
MD : 70 µm, Blown Film	24.0	MPa	
TD : 70 µm, Blown Film	22.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 70 µm, Blown Film	400	%	
TD : Break, 70 µm, Blown Film	500	%	
Dart Drop Impact (70 µm, Blown Film)	300	g	ISO 7765-1/A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ISO 306/A50
Extrusion	Nominal Value	Unit	

Melt Temperature

170 to 210

°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

