

Borcoat™ ME0433

Polyethylene

Borealis AG

Message:

Borcoat ME0433 is a maleic grafted polyethylene
The product is supplied as a powder for application by spray.

General Information			
Features	Good Adhesion		
	Recyclable Material		
Uses	Coating Applications		
	Pipe Coatings		
Forms	Powder		
Processing Method	Spraying		
Physical	Nominal Value	Unit	Test Method
Density	0.934	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0 to 6.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	47		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	> 18.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 700	%	ISO 527-2/50
Films	Nominal Value	Unit	Test Method
Peel Strength ¹			DIN 30670
23°C	> 1.50	J	
80°C	> 0.400	J	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	100	°C	ISO 306/A50
Melting Temperature (DSC)	121	°C	ISO 3146
NOTE			
1.	3 layer		

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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

