

Borcoat™ BB122E-LT-P

Polypropylene

Borealis AG

Message:

Borcoat BB122E-LT-P is a maleic anhydride grafted polypropylene adhesive.

It has excellent low temperature impact resistance.

The product is supplied as a powder for application by spray.

General Information			
Features	Low Temperature Impact Resistance		
	Recyclable Material		
Uses	Adhesives		
	Pipe Coatings		
Agency Ratings	DIN 30678		
	Gazprom 2-2.2-178-2007		
	ISO 21809-1		
	NF A 49-711		
Forms	Powder		
Processing Method	Spraying		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Moisture	< 0.050	%	Karl Fisher
Peel Strength - 3 layer			ISO 21809-1
23°C	> 25.0	kN/m	
80°C	> 10.0	kN/m	
110°C	> 4.0	kN/m	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (1.00 mm)	900	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield, 23°C	18.0	MPa	
Break, 23°C	18.0	MPa	
Tensile Strain (Break, 23°C)	> 400	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m ²	
-20°C	6.0	kJ/m ²	

23°C	40	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 130	°C	ISO 306/A50

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Recommended distributors for this material

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