

Borcoat™ BB122E-LT

Polypropylene

Borealis AG

Message:

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

It has excellent low temperature impact resistance.

The product is supplied in pellet form

General Information			
Features	Recyclable materials		
	Low temperature impact resistance		
Uses	Pipeline coating		
Agency Ratings	DIN 30678		
	Gazprom 2-2.2-178-2007		
	ISO 21809-1		
	NF A 49-711		
Forms	Particle		
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		%	Karl Fisher
Peel strength-3 layer			ISO 21809-1
23°C	> 25.0	kN/m	ISO 21809-1
80°C	> 10.0	kN/m	ISO 21809-1
110°C	> 4.0	kN/m	ISO 21809-1
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	ISO 527-2/50
Fracture, 23°C	18.0	MPa	ISO 527-2/50
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	ISO 179/1eA
-20°C	6.0	kJ/m ²	ISO 179/1eA
23°C	40	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 130	°C	ISO 306/A50

Extrusion	Nominal Value	Unit
Melt Temperature	190 - 220	°C
Die Temperature	200 - 220	°C
Extrusion instructions		

Head Temperature: 200 to 220°C

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Recommended distributors for this material

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