

Novalloy-B BE2703 (Type K)

Polybutylene Terephthalate + PET

Daicel Polymer Ltd.

Message:

Novalloy-B BE2703 (Type K) is a Polybutylene Terephthalate + PET (PBT+PET) material filled with 18% glass fiber. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Glass Fiber,18% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	100	MPa	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	180	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	210 to 230	°C	
Middle Temperature	240 to 260	°C	
Front Temperature	250 to 270	°C	
Nozzle Temperature	240 to 260	°C	
Mold Temperature	80.0 to 100	°C	
Back Pressure	10.0 to 20.0	MPa	
Screw Speed	50 to 100	rpm	

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Recommended distributors for this material

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