

Crastin® SK603 BK851

THERMOPLASTIC POLYESTER RESIN

DuPont Performance Polymers

Message:

20% Glass Reinforced Polybutylene Terephthalate

General Information			
UL YellowCard	E41938-257819		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Agency Ratings	UL Unspecified Rating		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PBT-GF20<		
Resin ID (ISO 1043)	PBT-GF20		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6900	MPa	ISO 527-2
Tensile Stress (Break)	113	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Stress	175	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	55	kJ/m²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	7.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	204	°C	ISO 75-2/A
Melting Temperature ¹	225	°C	ISO 11357-3
Flammability	Nominal Value	Test Method	
Flammability Classification	IEC 60695-11-10, -20		
0.750 mm	HB		
1.50 mm	HB		
NOTE			
1.	10°C/min		

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