

DuPont Performance Polymers Crastin® LW9320 BK851 PBT+SAN (Unverified Data**)

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , SAN Polymer , Styrene Acrylonitrile (SAN), Molded, Glass Reinforced

Material Notes:

20% Glass Reinforced Polybutylene Terephthalate Blend with Low Warpage Characteristics Crastin LW9320 BK851 is a 20% glass fiber reinforced black polybutylene terephthalate blend for injection molding. It has improved surface aesthetics excellent dimension Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Crastin-LW9320-BK851-PBTSAN-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527-1/-2
Elongation at Break	2.3 %	2.3 %	ISO 527-1/-2
Tensile Modulus	7.30 GPa	1060 ksi	ISO 527-1/-2
Izod Impact, Notched (ISO)	6.50 kJ/m ²	3.09 ft-lb/in ²	ISO 180/1A
Charpy Impact Unnotched	4.50 J/cm ²	21.4 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.700 J/cm ²	3.33 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	165 °C	329 °F	ISO 75-1/-2
Flammability, UL94	HB @Thickness 0.800 mm	HB @Thickness 0.0315 in	IEC 60695-11-10
Flame Spread	32 mm/min @Thickness 1.00 mm	1.3 in/min @Thickness 0.0394 in	ISO 3795 (FMVSS 302)

Descriptive Properties	Value	Comments
Part Marking Code	>PBT+SAN-GF20<	ISO 11469
Processing	Injection Moulding	

Regional Availability Descriptive Properties	Asia Pacific Value	Comments
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	PBT+SAN-GF20	

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