

DuPont Performance Polymers Crastin® LW9020FR BK851 PBT+ASA (Unverified Data**)

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , PBT + ASA Blend, Glass Fiber Reinforced

Material Notes:

20% Glass Reinforced Flame Retardant Polybutylene Terephthalate Blend with Low Warpage Characteristics Crastin LW9020FR BK851 is a 20% glass fiber reinforced flame retardant black polybutylene terephthalate blend for injection molding. It has improved information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Crastin-LW9020FR-BK851-PBTASA-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527-1/-2
Elongation at Break	2.0 %	2.0 %	ISO 527-1/-2
Tensile Modulus	7.80 GPa	1130 ksi	ISO 527-1/-2
Flexural Strength	140 MPa	20300 psi	ISO 178
Izod Impact, Notched (ISO)	5.50 kJ/m ²	2.62 ft-lb/in ²	ISO 180/1A
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.650 J/cm ²	3.09 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)	170 °C	338 °F	ISO 75-1/-2
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	IEC 60695-11-10

Descriptive Properties	Value	Comments
Part Marking Code	>PBT+ASA-GF20FR(17)<	ISO 11469
Processing	Injection Moulding	
Regional Availability	Asia Pacific	

Descriptive Properties	Europe Value	Comments
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	PBT+ASA-GF20FR(17)	
UL recognition	UL	

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