

DuPont Performance Polymers Crastin® LW9030FR BK851 PBT+ASA (Unverified Data**)

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

Material Notes:

30% Glass Reinforced Flame Retardant Polybutylene Terephthalate Blend with Low Warpage Characteristics Crastin LW9030FR BK851 is a 30% 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-LW9030FR-BK851-PBTASA-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 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	1.7 %	1.7 %	ISO 527-1/-2
Tensile Modulus	10.2 GPa	1480 ksi	ISO 527-1/-2
Flexural Strength	160 MPa	23200 psi	ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 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	0.700 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
Flammability, UL94	V-0	V-0	IEC 60695-11-10
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-0	V-0	IEC 60695-11-10
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	5VA	5VA	IEC 60695-11-20
	@Thickness 2.00 mm	@Thickness 0.0787 in	

Descriptive Properties	Value	Comments
Part Marking Code	>PBT+ASA-GF30FR(17)<	ISO 11469

Descriptive Properties	Injection Moulding Value	Comments
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	PBT+ASA-GF30FR(17)	
UL recognition	UL	

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