

DuPont Performance Polymers Crastin® CE15330 BK010 Polybutylene Terephthalate (PBT) (Unverified Data**)&l

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

30% Glass Reinforced Flame Retardant Polybutylene Terephthalate Crastin® CE15330 BK010 is a 30% glass reinforced flame retardant polybutylene terephthalate molding resin. It is recognized as UL94 V-0 at 0.3 mmInformation provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Crastin-CE15330-BK010-Polybutylene-Terephthalate-PBT-nbspUnverified-Datal.php

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.0090 cm/cm	0.0090 in/in	ISO 294-4 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	117 MPa	17000 psi	ISO 527-1/-2
Elongation at Break	2.6 %	2.6 %	ISO 527-1/-2
Tensile Modulus	9.50 GPa	1380 ksi	ISO 527-1/-2
Charpy Impact Unnotched	5.00 J/cm ²	23.8 ft-lb/in ²	ISO 179/1eU
	4.00 J/cm ² @Temperature -30.0 °C	19.0 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
Charpy Impact, Notched	0.770 J/cm ²	3.66 ft-lb/in ²	ISO 179/1eA
	0.650 J/cm ² @Temperature -30.0 °C	3.09 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	206 °C	403 °F	ISO 75-1/-2
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	IEC 60695-11-10
	V-0 @Thickness 0.300 mm	V-0 @Thickness 0.0118 in	IEC 60695-11-10

Thermal Properties	Metric	English	Comments
Descriptive Properties	Value		Comments
Part Marking Code	>PBT-GF30FR(17)<		ISO 11469
Processing	Injection Moulding		
Regional Availability	Asia Pacific		
Resin Identification	PBT-GF30FR(17)		

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