

DuPont Performance Polymers Crastin® CE15315 BK010 Polybutylene Terephthalate (PBT) (Unverified Data**)&

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 20% Glass Fiber Filled

Material Notes:

15% Glass Reinforced Flame Retardant Polybutylene Terephthalate Crastin CE15315 BK010 is a 15% glass reinforced flame retardant polybutylene terephthalate molding resin. It is recognized as UL94 V-0 at 0.71mm(0.028in). Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Crastin-CE15315-BK010-Polybutylene-Terephthalate-PBT-nbspUnverified-Datal.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0070 cm/cm	0.0070 in/in	ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	ISO 294-4 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	91.0 MPa	13200 psi	ISO 527-1/-2
Elongation at Break	2.8 %	2.8 %	ISO 527-1/-2
Tensile Modulus	5.70 GPa	827 ksi	ISO 527-1/-2
Charpy Impact Unnotched	2.31 J/cm ²	11.0 ft-lb/in ²	ISO 179/1eU
	2.15 J/cm ² @Temperature -30.0 °C	10.2 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
Charpy Impact, Notched	0.510 J/cm ²	2.43 ft-lb/in ²	ISO 179/1eA
	0.500 J/cm ² @Temperature -30.0 °C	2.38 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)	195 °C	383 °F	ISO 75-1/-2
Flammability, UL94	V-0	V-0	IEC 60695-11-10
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-0	V-0	

Thermal Properties	Metric	English	IEC 60695-11-10 Comments
	@ Thickness 0.700 mm	@ Thickness 0.0276 in	
Descriptive Properties	Value	Comments	
Part Marking Code	>PBT-GF15FR(17)<	ISO 11469	
Processing	Injection Moulding		
Regional Availability	Asia Pacific		
Resin Identification	PBT-GF15FR(17)		

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