

Chem Polymer Durlex 715 G PBT, 15% Glass Reinforced

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

Material Notes:

A lubricated, 15% glass reinforced PBT offering a balance of rigidity, dimensional stability and toughness. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Durlex-715-G-PBT-15-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	86.0 MPa	12500 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	4.10 GPa	595 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	154 °C	309 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	254 °C	489 °F	

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