

Chem Polymer Durlex 730 G PBT, 30% Glass Fiber Reinforced

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

Material Notes:

A lubricated 30% glass reinforced PBT offering a balance of dimensional stability, tensile strength and high temperature performance. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Durlex-730-G-PBT-30-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	121 MPa	17500 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	183 MPa	26500 psi	ASTM D790
Flexural Modulus	7.90 GPa	1150 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)	207 °C	405 °F	ASTM D648

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

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