

Lavergne VYPET 2130 Polyester Alloy Resin, 30% Fiberglass Reinforced

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

Material Notes:

Vypet 2130 is a 30% fiberglass reinforced, toughened Modified PBT injection molding compound designed for structural and electrical applications. Features: High temperature performances; Excellent dimensional stability Typical Applications: Appliances handles; Spotlight; Electrical components Information provided by Bieglo GmbH for Lavergne Performance Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lavergne-VYPET-2130-Polyester-Alloy-Resin-30-Fiberglass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	123 MPa	17800 psi	5 mm/min; ASTM D638
Elongation at Break	3.6 %	3.6 %	5 mm/min; ASTM D638
Flexural Strength	182 MPa	26400 psi	1.3 mm/min; ASTM D790
Flexural Modulus	8.00 GPa	1160 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	0.843 J/cm @Temperature 23.0 Â°C	1.58 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Processing Properties	Metric	English	Comments
Feed Temperature	245 - 260 Â°C	473 - 500 Â°F	
Middle Barrel Temperature	250 - 265 Â°C	482 - 509 Â°F	
Front Barrel Temperature	255 - 270 Â°C	491 - 518 Â°F	
Nozzle Temperature	260 - 270 Â°C	500 - 518 Â°F	
Melt Temperature	255 - 270 Â°C	491 - 518 Â°F	
Mold Temperature	65.0 - 90.0 Â°C	149 - 194 Â°F	

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