

Lavergne VYPET VNT 835 PET 35% Glass-Mineral Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Glass/Mineral Reinforced

Material Notes:

Vypet VNT 835 is a 35% mineral and fiberglass reinforced PET injection molding compound designed for structural applications. Features: High temperature performance; Low warp; Excellent dimensional stability Typical Applications: Grill retainers; Lamp holders Information provided by Bieglo Gmbh for Lavergne Performance Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lavergne-VYPET-VNT-835-PET-35-Glass-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.56 g/cc	0.0564 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm @Thickness 2.00 mm	0.0040 in/in @Thickness 0.0787 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0080 cm/cm @Thickness 2.00 mm	0.0080 in/in @Thickness 0.0787 in	ASTM D955
Ash	35 %	35 %	ASTM D2854

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	120 MPa	17400 psi	5 mm/min; ASTM D638
Flexural Strength	185 MPa	26800 psi	1.3 mm/min; ASTM D790
Flexural Modulus	9.90 GPa	1440 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	0.750 J/cm @Temperature 23.0 Â°C	1.41 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	213 Â°C	415 Â°F	ASTM D648

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 270 Â°C	500 - 518 Â°F	
Middle Barrel Temperature	265 - 275 Â°C	509 - 527 Â°F	
Front Barrel Temperature	270 - 295 Â°C	518 - 563 Â°F	
Nozzle Temperature	275 - 300 Â°C	527 - 572 Â°F	

Processing Properties	Metric	English	Comments
Melt Temperature	275 - 300 Â°C	527 - 572 Â°F	
Mold Temperature	95.0 - 120 Â°C	203 - 248 Â°F	
Injection Pressure	55.0 - 85.0 MPa	7980 - 12300 psi	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China