

Lavergne VYPET VNT 615 HP PET 15% Glass Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 20% Glass Reinforced

Material Notes:

Vypet VNT 615HP is a modified 15% fiberglass reinforced PET injection molding compound designed for automotive structural

applications. Features: Easy, fast processing; Excellent strength and stiffness; Excellent dimensional stability Typical Applications:

Automotive structural parts; Automotive sun roof frames Information provided by Bieglo Gmbh for Lavergne Performance Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lavergne-VYPET-VNT-615-HP-PET-15-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Thickness 2.00 mm	0.0060 in/in @Thickness 0.0787 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.011 cm/cm @Thickness 2.00 mm	0.011 in/in @Thickness 0.0787 in	ASTM D955
Ash	15 %	15 %	ASTM D2854

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	5 mm/min; ASTM D638
Flexural Strength	150 MPa	21800 psi	1.3 mm/min; ASTM D790
Flexural Modulus	6.00 GPa	870 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	0.500 J/cm @Temperature 23.0 Â°C	0.937 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	200 Â°C	392 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 - 290 Â°C	518 - 554 Â°F	
Nozzle Temperature	275 - 295 Â°C	527 - 563 Â°F	

Melt Temperature Processing Properties	270 - 290 Å°C Metric	518 - 554 Å°F English	Comments
Mold Temperature	95.0 - 120 Å°C	203 - 248 Å°F	

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