

## Evonik Corporation Vestodur® GF12-FR3 12% Glass Reinforced Laser Markable PBT

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

### Material Notes:

Description: Degussa AG's High Performance Polymers Business Unit manufactures a range of polybutylene terephthalate compounds that are supplied under the registered trademark VESTODUR® . Material properties characterizing VESTODUR compounds are:high thermostabilityhigh stiffnesslow water absorption resulting in high dimensional stabilityhigh hardnessgood strengthgood sliding friction behavior, low abrasiongood creep behaviorgood electrical propertiesgood chemical resistancegood weathering resistancegood processabilityno tendency to form stress cracksInformation provided by degussa.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Evonik-Corporation-Vestodur-GF12-FR3-12-Glass-Reinforced-Laser-Markable-PBT.php](http://www.lookpolymers.com/polymer_Evonik-Corporation-Vestodur-GF12-FR3-12-Glass-Reinforced-Laser-Markable-PBT.php)

Mechanical Properties	Metric	English	Comments
Tensile Modulus	6.00 GPa	870 ksi	
Izod Impact, Notched (ISO)	30.0 kJ/m <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	180/1C

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	223 °C	433 °F	
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	

Descriptive Properties	Value	Comments
Color	Natural, White	

## Contact Songhan Plastic Technology Co.,Ltd.

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