

## Nylene® Vexel™ B12GF15 , 15% Glass Reinforced PBT

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

### Material Notes:

Description: Vexel™ B12GF15 is a 15% glass fiber reinforced, general purpose PBT. Information provided by Custom Resins. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nylene-Vexel-B12GF15-15-Glass-Reinforced-PBT.php](http://www.lookpolymers.com/polymer_Nylene-Vexel-B12GF15-15-Glass-Reinforced-PBT.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	89.6 MPa	13000 psi	ASTM D638
Flexural Modulus	4.48 GPa	650 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	227 °C	440 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	207 °C	405 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	188 °C	370 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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