

Samsung Cheil Industries Infino[®] VB-5305G PBT, Glass Filled FR

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Glass Fiber Filled, Flame Retardant

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-VB-5305G-PBT-Glass-Filled-FR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.62 g/cc	1.62 g/cc	ASTM D792
Melt Flow	28 g/10 min @Load 2.16 kg, Temperature 250 Å°C	28 g/10 min @Load 4.76 lb, Temperature 482 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Yield	123 MPa	17800 psi	5 mm/min; ASTM D638
Flexural Strength	177 MPa	25700 psi	2.8 mm/min; ASTM D638
Flexural Modulus	8.83 GPa	1280 ksi	2.8 mm/min; ASTM D638
Izod Impact, Notched	0.686 J/cm @Thickness 3.17 mm	1.29 ft-lb/in @Thickness 0.125 in	ASTM D256

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