

Fiberfil® FV-31 Nylon 6, 31% Glass Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Information provided by FIBERFIL Engineered Plastics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fiberfil-FV-31-Nylon-6-31-Glass-Reinforced-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	150.00 MPa	21755 psi	ASTM D638
Flexural Strength	243.98 MPa	35387 psi	ASTM D790
Flexural Modulus	8.600 GPa	1247 ksi	Secant; ASTM D790
Izod Impact, Notched	1.30 J/cm @Thickness 3.17 mm	2.44 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	208 Â°C	406 Â°F	ASTM D648

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