

Chem Polymer Chemlon 217 GI Nylon 6, 17% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 20% Glass Fiber Filled

Material Notes:

A 17% glass fiber reinforced, impact modified nylon 6 offering a combination of creep resistance, stiffness and toughness over unmodified nylon 6 materials. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-217-GI-Nylon-6-17-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	93.0 MPa	13500 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Yield Strength	131 MPa	19000 psi	ASTM D790
Flexural Modulus	3.80 GPa	551 ksi	ASTM D790
Izod Impact, Notched	1.85 J/cm	3.47 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D789

Processing Properties	Metric	English	Comments
Melt Temperature	254 °C	489 °F	

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