

Chem Polymer Chemlon 206 G Nylon 6, 6% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 10% Glass Fiber Filled

Material Notes:

A 6% glass fiber reinforced nylon 6 offering improved creep resistance, stiffness, tensile and dimensional stability 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-206-G-Nylon-6-6-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 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	128 MPa	18600 psi	ASTM D790
Flexural Modulus	3.30 GPa	479 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	180 °C	356 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	246 °C	475 °F	

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