

Chem Polymer Chemlon 115 G Nylon 66, 15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

Material Notes:

A 15% glass fiber reinforced nylon 66 offering improved creep resistance, stiffness, tensile strength and dimensional stability over unmodified nylon 66 materials. This product offers slight improvements in mechanical properties over CHEMLON 113 G. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-115-G-Nylon-66-15-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	110 MPa	16000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	175 MPa	25400 psi	ASTM D790
Flexural Modulus	5.20 GPa	754 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	254 °C	489 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	243 °C	469 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	279 °C	534 °F	

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