

Chem Polymer Chemlon 143 G Nylon 66, 43% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

A 43% glass fiber reinforced nylon 66 offering high rigidity and tensile strength, especially at high service temperatures. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-143-G-Nylon-66-43-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	193 MPa	28000 psi	ASTM D638
Elongation at Break	2.5 %	2.5 %	ASTM D638
Flexural Yield Strength	262 MPa	38000 psi	ASTM D790
Flexural Modulus	10.3 GPa	1490 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm	2.49 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)	250 °C	482 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	293 °C	559 °F	

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