

Chem Polymer Chemlon 240 G Nylon 6, 43% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 40% Glass Fiber Filled

Material Notes:

A 43% glass fiber reinforced nylon 6, 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-240-G-Nylon-6-43-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	186 MPa	27000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	252 MPa	36500 psi	ASTM D790
Flexural Modulus	8.60 GPa	1250 ksi	ASTM D790
Izod Impact, Notched	1.25 J/cm	2.34 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	254 °C	489 °F	

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