

Chem Polymer Chemlon 140 M Nylon 66, 40% Mineral Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Mineral Filled

Material Notes:

A 40% mineral reinforced nylon 66 exhibiting excellent stiffness in parts where control of warpage is essential. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-140-M-Nylon-66-40-Mineral-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	90.0 MPa	13100 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	145 MPa	21000 psi	ASTM D790
Flexural Modulus	6.60 GPa	957 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 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)	199 °C	390 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	288 °C	550 °F	

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