

Chem Polymer Chemlon 225-15 MG Nylon 6, 25% Mineral/15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Glass/Mineral Reinforced

Material Notes:

A 25% mineral reinforced, 15% glass fiber reinforced nylon 6 offering excellent rigidity, dimensional stability and warpage control in large area parts.Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-225-15-MG-Nylon-6-25-Mineral15-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	128 MPa	18600 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	193 MPa	28000 psi	ASTM D790
Flexural Modulus	7.60 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 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)	207 °C	405 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	254 °C	489 °F	

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