

Chem Polymer Chemlon 215 GVH Nylon 6, 15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass Fiber Filled, Flame Retardant

Material Notes:

A glass fiber reinforced, flame retardant nylon 6. The material has a V0 flammability rating according to UL 94 testing procedure at thicknesses down to 1/16" (1.57mm).Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-215-GVH-Nylon-6-15-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	90.0 MPa	13100 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	10.3 GPa	1490 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648
Flammability, UL94	V-0	V-0	1/16 in.

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

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