

Chem Polymer Chemlon 233 GVH Nylon 6, 33% 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, exhibiting excellent tensile strength and stiffness. The material has V0 flammability rating according to UL 94 testing procedure at thickness down to 1/16" (1.57 mm).Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-233-GVH-Nylon-6-33-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	145 MPa	21000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	221 MPa	32100 psi	ASTM D790
Flexural Modulus	7.60 GPa	1100 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D789
Flammability, UL94	V-0	V-0	1/16 in.

Processing Properties	Metric	English	Comments
Melt Temperature	263 °C	505 °F	

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