

Chem Polymer Chemlon 212 Nylon 6, Lubricated, GP

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

A medium viscosity, general purpose injection molding grade nylon 6. Internally lubricated for excellent mold release properties. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-212-Nylon-6-Lubricated-GP.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	79.0 MPa	11500 psi	ASTM D638
Elongation at Break	45 %	45 %	ASTM D638
Flexural Yield Strength	117 MPa	17000 psi	ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 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)	69.0 °C	156 °F	ASTM D648
Flammability, UL94	V-2	V-2	

Processing Properties	Metric	English	Comments
Melt Temperature	235 °C	455 °F	

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