

Chem Polymer Chemlon 275 Nylon 6, Copolymer Impact Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Impact Grade

Material Notes:

An extrusion grade nylon 6 copolymer that provides excellent melt strength, impact, tensile elongation and flexibility. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-275-Nylon-6-Copolymer-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Yield Strength	37.0 MPa	5370 psi	ASTM D790
Flexural Modulus	0.760 GPa	110 ksi	ASTM D790
Izod Impact, Notched	8.00 J/cm	15.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	213 °C	415 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	46.0 °C	115 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	238 °C	460 °F	

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