

Chem Polymer Chemlon 267 Nylon 6, Impact Modified

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

Material Notes:

An extrusion grade copolymer nylon 6, providing good melt strength, impact, elongation, and flexibility. This grade provides excellent properties in most convoluted tubing or wire coating applications. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-267-Nylon-6-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Yield Strength	55.0 MPa	7980 psi	ASTM D790
Flexural Modulus	1.70 GPa	247 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm	4.01 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	211 °C	412 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	252 °C	486 °F	

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