

Chem Polymer Chemlon 256 Nylon 6, Wire Jacketing Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Unreinforced, Flame Retardant

Material Notes:

A non-halogenated, Allwires rated wire coating grade used primarily on cables for power and control circuits in commercial and industrial applications. The cables are oil, gasoline, and abrasion resistant, and exceed the requirements of UL Standard 83. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-256-Nylon-6-Wire-Jacketing-Grade.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	17.0 MPa	2470 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Yield Strength	27.6 MPa	4000 psi	ASTM D790
Flexural Modulus	0.600 GPa	87.0 ksi	ASTM D790
Izod Impact, Notched	1.06 J/cm	1.99 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D789

Processing Properties	Metric	English	Comments
Melt Temperature	240 °C	464 °F	

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