

Nylene® NX5703 Nylon 6, Impact Extrusion Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Extruded

Material Notes:

Dry as molded. Extrusion grade. Nylene NX5703 is a high residual monomer, medium viscosity resin designed for extrusion applications requiring good flexibility and high strength. NX5703 is ideally suited for monofilament extrusion such as fish line and netting, sewing thread, and weaving thread. Optimum processing conditions should provide a melt temperature of 450 - 475°F at the die. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-NX5703-Nylon-6-Impact-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792
Water Absorption	3.5 %	3.5 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	83.0 MPa	12000 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638
Flexural Yield Strength	55.0 MPa	7980 psi	ASTM D790
Izod Impact, Notched	1.90 J/cm	3.56 ft-lb/in	ASTM D256

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

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