

Nylene® 607 Nylon 6, 50% RH, Extrusion Grade

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

Material Notes:

Extrusion grade. Nylene 607 is a very high viscosity extrusion resin having an ASTM relative viscosity of 800. Nylene 607 has excellent structural strength, durability, and physical properties. It has good melt strength and good draw-down properties which promote dimensional control for extrusion of pipe, tubing, film, and sheet. It is particularly recommended for the extrusion of thick slab, large rod stock, and large complex profiles. Optimum processing conditions should permit for a melt temperature of 550 - 575°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-607-Nylon-6-50-RH-Extrusion-Grade.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	66.0 MPa	9570 psi	ASTM D638
Elongation at Break	220 %	220 %	ASTM D638
Flexural Yield Strength	28.0 MPa	4060 psi	ASTM D790
Izod Impact, Notched	3.10 J/cm	5.81 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	186 °C	367 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	295 °C	563 °F	

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