

Nylene® NX4301 Nylon 6, Extrusion Grade

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

Material Notes:

Dry as molded. Extrusion grade. Nylene NX4301 is a high viscosity, UV stabilized extrusion grade nylon resistant to degradation by ultraviolet light. The elevated quality of UV resistance is attributed to highly uniform dispersion of 2% carbon black. With an ASTM viscosity of 200, NX4301 has very good melt flow and melt strength characteristics which are important for profile extrusion. 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-NX4301-Nylon-6-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	ASTM D638
Elongation at Break	140 %	140 %	ASTM D638
Flexural Yield Strength	120 MPa	17400 psi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.0 °C	144 °F	ASTM D648

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China