

Nylene® 826 Nylon Copolymer

Category : Polymer , Thermoplastic , Nylon

Material Notes:

Dry as molded. Nylene 826 is a special nylon copolymer suitable for both blown and cast film co-extrusion. Nylene 826 has a lower melt point and is less crystalline than standard nylon 6 resins. In addition to excellent toughness, chemical resistance, transparency, and low oxygen permeability, films exhibit superior deep-drawing characteristics. Effective processing is achieved with extruder and die temperatures in the range of 450 - 525°F. 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-826-Nylon-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	365 %	365 %	ASTM D638

Processing Properties	Metric	English	Comments
Processing Temperature	232 - 272 °C	450 - 522 °F	

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