

Honeywell Capran® 996 Heat Stabilized Nylon Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Film Grade

Material Notes:

Description: Capran® 996 is a blue tinted, heat-stabilized cast film produced from modified nylon resin. Capran® 996 has excellent heat stability and resistance to pinholing. It can be used at temperatures up to 450°F (232°C) for typical cure cycle times. Applications: Capran® 996 is recommended as bagging film for advanced composite fabrication and other high temperature applications where softness and workability are essential. Information provided by Honeywell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Honeywell-Capran-996-Heat-Stabilized-Nylon-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0410 lb/in³	Yield Density
Thickness	50.8 microns	2.00 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	76.0 MPa	11000 psi	ASTM D882
Tensile Strength, Yield	66.0 MPa	9570 psi	ASTM D882
Elongation at Break	300 %	300 %	ASTM D882
Tear Strength Test	30	30	grams/mil; ASTM D1922

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	crystalline melting point; Hot Stage Microscope
Shrinkage	<= 1.00 % @Temperature 149 °C, Time 1800 sec	<= 1.00 % @Temperature 300 °F, Time 0.500 hour	ASTM D1204

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