

Honeywell Capran® 980 Heat Stabilized Nylon Film (discontinued **)

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

Material Notes:

Description: Capran® 980 is a clear (low haze level), heat-stabilized cast film produced from modified nylon 6 resin. Capran® 980 has excellent heat stability and resistance to pinholing. It can be used at temperatures up to 390°F (199°C) for typical composite cure cycle times. Applications: Capran® 980 is recommended as bagging film for advanced composite fabrication and other high temperature applications where dimensional stability, adherence to sealant tapes and uniform film gauge are essential. Information provided by Honeywell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Honeywell-Capran-980-Heat-Stabilized-Nylon-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0410 lb/in ³	Yield Density
Thickness	50.8 microns	2.00 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	110 MPa	16000 psi	ASTM D882
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D882
Elongation at Break	375 %	375 %	ASTM D882
Tear Strength Test	45	45	grams/mil; ASTM D1922

Thermal Properties	Metric	English	Comments
Melting Point	218 - 220 °C	424 - 428 °F	crystalline melting point; Hot Stage Microscope
Shrinkage	<= 2.00 % @Temperature 149 °C, Time 1800 sec	<= 2.00 % @Temperature 300 °F, Time 0.500 hour	ASTM D1204

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