

Dielectric Polymers NT-490 Polyimide Label Stock (discontinued **)

Category : Polymer , Adhesive , Tape , Thermoset , Acrylic/Cyanoacrylate Adhesive , Polyimide, TS

Material Notes:

High temperature acrylic adhesive with thermal transfer imprintable polyimide film backing. Features: Meets ANSI standards for print contract signals and minimum reflectance ratios for bar code print quality. High temperature resistant. Recommended for use with solvent-based inks. Applications: Pressure sensitive label stock for harsh environments, PCB identification and cryogenic storage. Information provided by Dielectric Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dielectric-Polymers-NT-490-Polyimide-Label-Stock-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	Adhesive
	50.8 microns	2.00 mil	Backing
	88.9 microns	3.50 mil	Silicone release coated kraft liner

Mechanical Properties	Metric	English	Comments
Elongation at Break	70 %	70 %	
Peel Strength	0.307 kN/m	1.75 pli	Adhesion
	8.06 kN/m	46.0 pli	Tensile

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	202 °C	395 °F	
	232 °C	450 °F	Shear Adhesive Failure (cohesive failure)
	371 °C	700 °F	Intermittent
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Breakdown	8400 V	8400 V	Dielectric Strength

Descriptive Properties	Value	Comments
Color	Amber	

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