

DuPont Teijin Films Melinex® 539 Polyester Film, 700 Gauge

Category : Polymer , Film , Thermoplastic , Polyester, TP , Polyester Film

Material Notes:

Melinex® 539 is a two sided treated grade of clear film for applications where freedom from static is required. Its main use is as a montage "foil" in the production of printing plates. Melinex® 539 is available in thicknesses of 370, 500 and 700 gauge. Melinex® 539 is supplied as a knurled reel but is readily available in unknurled reel sheet form through a quality and stockists and distributors worldwide where it is usually referred to as Melinex® 538. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-539-Polyester-Film-700-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	

Thermal Properties	Metric	English	Comments
Melting Point	255 - 260 °C	491 - 500 °F	ASTM E794-85
Shrinkage, MD	1.0 % @Temperature 190 °C, Time 300 sec	1.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Haze	<= 2.0 %	<= 2.0 %	ASTM D1003
Transmission, Visible	87.8 %	87.8 %	TLT; ASTM D1003

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.00e+10 ohm @Temperature 20.0 °C	1.00e+10 ohm @Temperature 68.0 °F	500 V DC @ 60% RH; ASTM D257

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