

DuPont Teijin Films Melinex® S Polyester Film, 48 Gauge

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

Material Notes:

Melinex® S is a general purpose film which combines excellent handling characteristics with a slightly hazy appearance. It is available in specific thicknesses from 48 - 500 gauge, and is used for the full range of Melinex® applications. Approvals: UL 94 VTM-2 - for 92 - 500 gauge (0.023 - 0.13mm) and UL Recognition - Product has been registered with Underwriters Laboratories. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-S-Polyester-Film-48-Gauge.php

Mechanical Properties	Metric	English	Comments
Coefficient of Friction, Dynamic	0.40	0.40	A-B; ASTM D1894

Optical Properties	Metric	English	Comments
Haze	3.1 %	3.1 %	ASTM D1003
Transmission, Visible	88.5 %	88.5 %	TLT; ASTM D1003

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+17 ohm-cm	1.00e+17 ohm-cm	100 V DC; ASTM D257
	@Temperature 25.0 °C, Time 100 sec	@Temperature 77.0 °F, Time 0.0278 hour	
Surface Resistivity per Square	1.00e+15 ohm	1.00e+15 ohm	500 V DC @ 50% RH; ASTM D257
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dielectric Strength	394 kV/mm	10000 kV/in	0.25 inch electrodes in dry air @25°C; ASTM D149-81
Dielectric Breakdown	4800 V	4800 V	0.25 inch electrodes in dry air @25°C; ASTM D149-81

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