

DuPont Teijin Films Mylar® 854 Polyester Packaging Film, 60 Gauge

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

Material Notes:

Data provided by DuPont Packaging Polymers. DuPont Melinex® DuPont Melinex® 854 is a clear, one side coextruded heat sealable surface similar to Melinex® 850. The opposite surface is adhesion pretreated to accept a wide range of both water and solvent ink systems. The pretreated surface also provides improved adhesion for various coatings, adhesives and extruded polyethylene. Melinex® 854 is a coextruded, biaxially oriented, one side treated polyester film that is compliant with the U.S. Food and Drug Administration regulations under 21 CFR 177.1630, Sections (f) and (g) of the food additive regulations. The non-pretreated side may safely be used as, or as a component of, plastics intended for use in contact with all types of food under all conditions of use prescribed in this regulation, including its use to contain foods during oven baking or cooking at temperatures above 250°F. The pretreated side can be used in applications requiring food contact with all non-aqueous types of food (excluding alcoholic beverages) at temperatures up to and above 250°F (including oven baking or cooking) and for alcoholic beverages (not to exceed 50 percent alcohol by volume) at ambient temperatures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-854-Polyester-Packaging-Film-60-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	
Moisture Vapor Transmission	0.720 cc-mm/m ² -24hr-atm	1.83 cc-mil/100 in ² -24hr-atm	Tested per ASTM F372 at 100°F, 90% RH.
Oxygen Transmission	1.57 cc-mm/m ² -24hr-atm	3.99 cc-mil/100 in ² -24hr-atm	Tested per ASTM D1434 at 77°F, 75% RH.

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	ASTM D882A
Film Elongation at Break, TD	90 %	90 %	ASTM D882A
Coefficient of Friction, Dynamic	0.50	0.50	ASTM D1894
Coefficient of Friction, Static	0.60	0.60	ASTM D1894
Film Tensile Strength at Break, MD	186 MPa	27000 psi	ASTM D882A
Film Tensile Strength at Break, TD	200 MPa	29000 psi	ASTM D882A

Optical Properties	Metric	English	Comments
Haze	3.5 %	3.5 %	Gardner; ASTM D1003
Transmission, Visible	88.6 %	88.6 %	ASTM D1003

Processing Properties	Metric	English	Comments
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Processing Temperature	93.0 - 204 °C	199 - 399 °F	
Processing Properties	Metric	English	Comments

Contact Songhan Plastic Technology Co.,Ltd.

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