

DuPont Teijin Films Mylar® LBT-2 Polyester Packaging Film, 48 Gauge

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

Material Notes:

Data provided by DuPont Packaging Polymers. Mylar® LBT-2 is an uncoated, transparent, exceptionally strong film used as a substrate for laminating and extrusion coating and as a component of packaging structures requiring great strength, high temperature performance and good machinability. It is corona treated on two sides for improved bonding of inks and adhesives. Mylar® LBT-2 can be readily printed with appropriately formulated commercial inks. Consideration should be given in film handling and final package design to the increased susceptibility of the two contacting corona treated surfaces to blocking, particularly in the presence of moisture.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-LBT-2-Polyester-Packaging-Film-48-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	Calculated from nominal thickness and yield
Moisture Vapor Transmission	0.530 cc-mm/m ² -24hr-atm	1.35 cc-mil/100 in ² -24hr-atm	Proc. E; ASTM E96
Oxygen Transmission	1.70 cc-mm/m ² -24hr-atm	4.32 cc-mil/100 in ² -24hr-atm	Tested per ASTM D3985 at 22°C

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	110 %	110 %	ASTM D882
Film Elongation at Break, TD	80 %	80 %	ASTM D882
Secant Modulus	3.79 GPa	550 ksi	Stiffness Modulus; ASTM D882
Tear Strength Test	0.70	0.70	lb Graves; ASTM D1004-66
Film Tensile Strength at Break, MD	186 MPa	27000 psi	ASTM D882
Film Tensile Strength at Break, TD	241 MPa	35000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D1003-61
Gloss	200 %	200 %	at 20°; ASTM D2457
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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