DuPont Teijin Films Mylar® EB11 Polyester Film, 92 Gauge

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

Material Notes:

Mylar® EB11 is a low gloss polyester film with a matte surface. It is typically used as a carrier film. It is commercially available in nominal 48 - 300 gauge. General Product Info: Mylar® EB11 is a low gloss, hazy product. Reverse side printing is good, and metallized EB11 offers muted matte appearance. EB11 provides an excellent, low gloss surface texture transfer when used as a carrier film.Approvals: FDA Food Contact Status - All gauges of Mylar® EB11 comply with the Food and Drug Administration regulation 21 CFR 177.1630 -- Polyethylene phthalate polymers, Sections (f), (g), and (h). This regulation describes films which may be safely used in contact with all types of food excluding alcoholic beverages. Uncoated films such as Mylar® EB11 can be used to contain foods during oven cooking or oven baking at temperatures above 250 °F.Information provided by DuPont.

Order this product through the following link:
http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-EB11-Polyester-Film-92-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in³	Typical Mylar®; ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	144 %	144 %	ASTM D882A
Film Tensile Strength at Break, MD	131 MPa	19000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.17 J/g-°C	0.280 BTU/lb-°F	Typical Mylar®
Melting Point	254 °C	489 °F	Typical Mylar® via DSC
Maximum Service Temperature, Air	121 °C	250 °F	
Shrinkage, MD	1.5 % @Temperature 150 °C, Time 1800 sec	1.5 % @Temperature 302 °F, Time 0.500 hour	Unrestrained
Shrinkage, TD	1.0 % @Temperature 150 °C, Time 1800 sec	1.0 % @Temperature 302 °F, Time 0.500 hour	Unrestrained

Optical Properties	Metric	English	Comments
Refractive Index	1.64 - 1.67	1.64 - 1.67	typical of Mylar®
Haze	60 %	60 %	ASTM D1003
Gloss	46 %	46 %	60°; ASTM D2457 - 90

Optical Properties	Metric	English	Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China