

## DuPont Teijin Films Mylar® EB31 Polyester Film, 92 Gauge

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

**Material Notes:**

Mylar® EB31 is a smooth, matte polyester film. It does not contain any plasticizers. General Product Info: Mylar® EB31 has low haze and intermediate gloss. This offers more realistic colors and clearer text when reverse printing. Mylar® EB31 gives a bright appearance when metallized. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Mylar-EB31-Polyester-Film-92-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-EB31-Polyester-Film-92-Gauge.php)

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in <sup>3</sup>	Typical Mylar®; ASTM D1505

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	102 %	102 %	ASTM D882A
Film Tensile Strength at Break, MD	138 MPa	20000 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

Optical Properties	Metric	English	Comments
Refractive Index	1.64 - 1.67	1.64 - 1.67	typical of Mylar®
Haze	40 %	40 %	ASTM D1003
Gloss	65 %	65 %	60°; ASTM D2457 - 90
Transmission, Visible	87 %	87 %	TLT; ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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