

## DuPont Teijin Films Mylar® D804 Polyester Film, 92 Gauge

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

### Material Notes:

Mylar® D804 is a super clear, biaxially oriented, co-extruded polyester film, available in 60, 75 and 92 gauge. Mylar® D804 is two-side pretreated for printing and adhesive lamination. Approvals: FDA Approval - All gauges of Mylar® D804 comply with the Food and Drug Administration regulation 21 CFR 177.1630 -- Polyethylene phthalate polymers, Sections (f) and (g). This regulation describes films which may be safely used in contact with all types of food, excluding alcoholic beverages, at temperatures not to exceed 250 °F. Also available in 75 Gauge. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Mylar-D804-Polyester-Film-92-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-D804-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	140 %	140 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Coefficient of Friction, Dynamic	0.35	0.35	A-B; ASTM D1894
Coefficient of Friction, Static	0.40	0.40	A-B; ASTM D1894
Film Tensile Strength at Break, MD	200 MPa	29000 psi	ASTM D882A
Film Tensile Strength at Break, TD	234 MPa	34000 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	1.25 % @Temperature 150 °C, Time 1800 sec	1.25 % @Temperature 302 °F, Time 0.500 hour	Unrestrained
Shrinkage, TD	0.50 % @Temperature 150 °C, Time 1800 sec	0.50 % @Temperature 302 °F, Time 0.500 hour	Unrestrained

Optical Properties	Metric	English	Comments
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Refractive Index Optical Properties	1.64 - 1.67 Metric	1.64 - 1.67 English	typical of Mylar® Comments
Transmission, Visible	90 %	90 %	TLT; ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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