

## DuPont Teijin Films Mylar® ADS Polyester Film, 300 Gauge

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

### Material Notes:

Mylar® ADS is a heat stabilized, low shrinkage film with good web handling properties. Approvals: UL 94 VTM-2 - for 92 - 500 gauge (0.023 - 0.13mm) Also available in 285 Gauge Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Teijin-Films-Mylar-ADS-Polyester-Film-300-Gauge.php](http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-ADS-Polyester-Film-300-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 Tensile Strength at Yield, MD	95.8 MPa @Strain >=5.00 %	13900 psi @Strain >=5.00 %	ASTM D882A
Secant Modulus, MD	3.39 GPa	492 ksi	ASTM D882A
Secant Modulus, TD	4.21 GPa	610 ksi	ASTM D882A
Film Tensile Strength at Break, MD	191 MPa	27700 psi	ASTM D882A
Film Tensile Strength at Break, TD	225 MPa	32600 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
Shrinkage, MD	2.5 % @Temperature 190 °C, Time 300 sec	2.5 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained
Shrinkage, TD	1.0 % @Temperature 190 °C, Time 300 sec	1.0 % @Temperature 374 °F, Time 0.0833 hour	Unrestrained

Optical Properties	Metric	English	Comments
Refractive Index	1.64 - 1.67	1.64 - 1.67	typical of Mylar®
Haze	36 %	36 %	ASTM D1003
Transmission, Visible	90.2 %	90.2 %	ASTM D1003

## **Contact Songhan Plastic Technology Co.,Ltd.**

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