

DuPont Teijin Films Mylar® RSX Polyester Film, 500 Gauge

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

Material Notes:

Mylar® RSX films are slightly hazy, tough, general-purpose films. They have a rough surface to provide ease of handling, good adhesion, and processability. They are used for a broad range of industrial applications. Mylar® RSX has balanced tensile properties and good dimensional stability. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Mylar-RSX-Polyester-Film-500-Gauge.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	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
Film Tensile Strength at Break, MD	172 MPa	25000 psi	ASTM D882A
Film Tensile Strength at Break, TD	228 MPa	33000 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	1.5 % @Temperature 150 °C, Time 1800 sec	1.5 % @Temperature 302 °F, Time 0.500 hour	Unrestrained
Shrinkage, TD	1.2 % @Temperature 150 °C, Time 1800 sec	1.2 % @Temperature 302 °F, Time 0.500 hour	Unrestrained

Optical Properties	Metric	English	Comments
Haze	22.8 %	22.8 %	ASTM D1003

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