

DuPont Teijin Films Melinex® AG2 Polyester Film

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

Material Notes:

Melinex® AG2 is a clear polyester film coated on both sides for Anti-fog and Anti-glare performance. Typical Applications: Typical applications include disposable face shields, visors, and other temporary optical and industrial uses. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Teijin-Films-Melinex-AG2-Polyester-Film.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	150 %	150 %	ASTM D882A
Film Elongation at Break, TD	100 %	100 %	ASTM D882A
Film Tensile Strength at Break, MD	152 MPa	22000 psi	ASTM D882A
Film Tensile Strength at Break, TD	165 MPa	24000 psi	ASTM D882A

Thermal Properties	Metric	English	Comments
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
Haze	0.90 %	0.90 %	ASTM D1003
Transmission, Visible	96 %	96 %	TLT; ASTM D1003

Descriptive Properties	Value	Comments
Yield (nominal)	4475 in ² /lb	50 Gauge
	5035 in ² /lb	400 Gauge

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