

Evonik Corporation Plexiglas® 99532 White Film

Category : Polymer , Film , Thermoplastic , Acrylic (PMMA)

Material Notes:

Description: PLEXIGLAS® White Films are pure white films which are optimized for strong light diffusion in combination with high light transmittance. No internal absorption. Information provided by degussa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-Plexiglas-99532-White-Film.php

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	51.0 MPa	7400 psi	no direction given; ISO 527
Film Elongation at Yield, MD	4.5 %	4.5 %	no direction given; ISO 527
Tensile Modulus	1.95 GPa	283 ksi	ISO 527

Thermal Properties	Metric	English	Comments
CTE, linear	110 µm/m-°C	61.1 µin/in-°F	DIN 53752A
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Specific Heat Capacity	1.50 J/g-°C	0.359 BTU/lb-°F	
Vicat Softening Point	98.0 °C	208 °F	ISO 306

Optical Properties	Metric	English	Comments
Transmission, Visible	50 %	50 %	
	@Thickness 1.00 mm	@Thickness 0.0394 in	
	64 %	64 %	
	@Thickness 0.500 mm	@Thickness 0.0197 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	IEC 250
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	IEC 250
Dissipation Factor	0.030	0.030	IEC 250
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	0.040	0.040	IEC 250
	@Frequency 100 Hz	@Frequency 100 Hz	

Descriptive Properties	Value	Comments
Energy Half Angle	24°	0.5 mm
	26°	1 mm
Pencil Hardness	1H	ASTM D3363

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China