

Huntsman KRYSTALFLEX® PE 193 Polyurethane Optical Aliphatic Film

Category : Polymer , Film , Thermoplastic , Polyurethane, TP

Material Notes:

Key Properties:Moisture ResistanceChemical CompatibilityCooler ProcessingHigher AdhesionMultiple Design OptionNo special storage requiredInformation provided by Alliance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-KRYSTALFLEX-PE-193-Polyurethane-Optical-Aliphatic-Film.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	ASTM D2240
Tensile Strength at Break	20.7 MPa	3000 psi	ASTM D412
Elongation at Break	600 %	600 %	ASTM D412
100% Modulus	0.00276 GPa	0.400 ksi	ASTM D412
300% Modulus	0.00552 GPa	0.800 ksi	ASTM D412
Tear Strength	64.9 kN/m	370 pli	ASTM D624
Peel Strength	24.0 kN/m	137 pli	resistance to glass with primer; ASTM D3167
	@Temperature 99.0 °C	@Temperature 210 °F	
	26.3 kN/m	150 pli	
	@Temperature 113 °C	@Temperature 235 °F	resistance to glass with primer; ASTM D3167
	28.0 kN/m	160 pli	resistance to glass with primer; ASTM D3167
	@Temperature 127 °C	@Temperature 261 °F	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-44.0 °C	-47.2 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	85.0 - 120 °C	185 - 248 °F	

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