

Huntsman KRYSTALFLEX® PE 192 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-192-Polyurethane-Optical-Aliphatic-Film.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	ASTM D2240
Tensile Strength at Break	27.6 MPa	4000 psi	ASTM D412
Elongation at Break	550 %	550 %	ASTM D412
100% Modulus	0.00621 GPa	0.900 ksi	ASTM D412
300% Modulus	0.0124 GPa	1.80 ksi	ASTM D412
Tear Strength	78.9 kN/m	450 pli	ASTM D624
Peel Strength	21.2 kN/m	121 pli	resistance to glass with primer; ASTM D3167
	@Temperature 118 Â°C	@Temperature 244 Â°F	
	26.3 kN/m	150 pli	resistance to glass with primer; ASTM D3167
	@Temperature 127 Â°C	@Temperature 261 Â°F	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-38.0 Â°C	-36.4 Â°F	

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

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