

Huntsman IROGRAN® A 98 E 4735 Polyester-Based TPU-Injection Extrusion Grade

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane TPE , Polyurethane, TP , Thermoplastic Polyurethane, Elastomer, Polyester Grade

Material Notes:

High Hydrolysis resistance and good crystallinity. Suggested for extrusion. Information provided by Huntsman

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-IROGRAN-A-98-E-4735-Polyester-Based-TPU-Injection-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D995

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	97	97	ASTM D2240
Hardness, Shore D	53	53	ASTM D2240
Tensile Strength at Break	55.0 MPa	7980 psi	DIN 53504
Elongation at Break	570 %	570 %	ASTM D412
100% Modulus	0.0170 GPa	2.47 ksi	DIN 53504
300% Modulus	0.0260 GPa	3.77 ksi	DIN 53504
Rebound	34 %	34 %	Bayshore; ASTM D2632
Tear Strength	188 kN/m	1070 pli	ASTM D624
Abrasion	30	30	[mm ³]; ISO 4649
Compression Set	35 %	35 %	ASTM D395
	@Temperature 23.0 °C, Time 252000 sec	@Temperature 73.4 °F, Time 70.0 hour	
	48 %	48 %	ASTM D395
	@Temperature 70.0 °C, Time 86400 sec	@Temperature 158 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Melting Point	190 - 200 °C	374 - 392 °F	Huntsman/TMA

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