

Huntsman IROGRAN® A 98 H 4661 Polyester-Based TPU-Injection Molding Grade

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

Material Notes:

Good flow and high mechanical property performance. Suggested for injection molding. Information provided by Huntsman

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-IROGRAN-A-98-H-4661-Polyester-Based-TPU-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D995

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	96	96	ASTM D2240
Hardness, Shore D	52	52	ASTM D2240
Tensile Strength at Break	50.0 MPa	7250 psi	DIN 53504
Elongation at Break	640 %	640 %	ASTM D412
100% Modulus	0.0160 GPa	2.32 ksi	DIN 53504
300% Modulus	0.0277 GPa	4.02 ksi	DIN 53504
Rebound	28 %	28 %	Bayshore; ASTM D2632
Tear Strength	170 kN/m	970 pli	ASTM D624
Abrasion	35	35	[mm ³]; ISO 4649
Compression Set	25 %	25 %	ASTM D395
	@Temperature 23.0 °C, Time 252000 sec	@Temperature 73.4 °F, Time 70.0 hour	
	46 %	46 %	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