

Huntsman IROGRAN® A 60 E 4612 N TPU-Polyester

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

Material Notes:

Performance Features: Manufactures of technical parts can achieve the highest levels of: Wear and tear strength Dimensional stability Oil resistance Low compression set Dynamic load performance Elasticity and flexibility Temperature performance Processing consistency Information provided by Alliance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-IROGRAN-A-60-E-4612-N-TPU-Polyester.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.030 cm/cm	0.030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	ASTM D2240
Hardness, Shore D	18	18	ASTM D2240
Tensile Strength at Break	25.5 MPa	3700 psi	ASTM D412
Elongation at Break	900 %	900 %	ASTM D412
100% Modulus	0.00352 GPa	0.510 ksi	ASTM D412
300% Modulus	0.00552 GPa	0.800 ksi	ASTM D412
Rebound	54 %	54 %	Bayshore; ASTM D2632
Tear Strength	63.1 kN/m	360 pli	ASTM D624
Abrasion	55	55	mm ³ ; ISO 34-1
Compression Set	43 %	43 %	ASTM D395
	@Temperature 22.8 °C, Time 252000 sec	@Temperature 73.0 °F, Time 70.0 hour	
	54 %	54 %	ASTM D395
	@Temperature 70.0 °C, Time 86400 sec	@Temperature 158 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Melting Point	140 - 170 °C	284 - 338 °F	TMA Melt Range

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