

Huntsman IROGRAN[®] A 85 P 5004 TPU-Polyether

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

Material Notes:

IROGRAN[®] A 85 P 5004 is a polyether based thermoplastic polyurethane intended for injection molding and extrusion applications. Information provided by Alliance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-IROGRAN-A-85-P-5004-TPU-Polyether.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	injection molded; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	Injection molded; ASTM D2240
Hardness, Shore D	35	35	Injection molded; ASTM D2240
Tensile Strength at Break	12.4 MPa	1800 psi	25 mil film; ASTM D412
Elongation at Break	600 %	600 %	25 mil film; ASTM D412
100% Modulus	0.00689 GPa	1.00 ksi	25 mil film; ASTM D412
300% Modulus	0.00827 GPa	1.20 ksi	25 mil film; ASTM D412
Tear Strength	71.9 kN/m	410 pli	25 mil film; ASTM D624
Abrasion	140	140	mm ³ , injection molded; ISO 4649

Thermal Properties	Metric	English	Comments
Melting Point	146 - 161 Â°C	295 - 322 Â°F	TMA Melt Range, 25 mil film
Flammability, UL94	V-0	V-0	
Oxygen Index	34 %	34 %	injection molded; ASTM D2863

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