

## GRECO ISOTHANE 3095A Polyether TPU Resin

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

**Material Notes:**

ISOTHANE 3000 Series products are polyether based thermoplastic polyurethanes. They exhibit excellent hydrolytic resistance, fungus resistance, and low temperature performance properties. These products can be injection molded, blow molded, and extruded. Information provided by Greater Eastern Resins Industrial Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_GRECO-ISOTHANE-3095A-PolyetherTPUResin.php](http://www.lookpolymers.com/polymer_GRECO-ISOTHANE-3095A-PolyetherTPUResin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	94	94	ASTM D2240
Tensile Strength	43.0 MPa	6240 psi	ASTM D412
Tensile Strength, Yield	6.90 MPa @Strain 50.0 %	1000 psi @Strain 50.0 %	ASTM D412
	11.0 MPa @Strain 100 %	1600 psi @Strain 100 %	ASTM D412
	24.0 MPa @Strain 300 %	3480 psi @Strain 300 %	ASTM D412
Elongation at Break	450 %	450 %	ASTM D412
Tear Strength	750 kN/m	4280 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	10	10	ASTM D1044(Taber) H-22
Compression Set	25 % @Temperature 23.0 Â°C, Time 79200 sec	25 % @Temperature 73.4 Â°F, Time 22.0 hour	ASTM D395
	30 % @Temperature 70.0 Â°C, Time 79200 sec	30 % @Temperature 158 Â°F, Time 22.0 hour	ASTM D395

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : www.lookpolymers.com

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China