

GRECO ISOTHANE 2090A Poly(caprolactone)ester TPU Resin

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

Material Notes:

ISOTHANE 2000 series products are polyester poly(caprolactone)ester based thermoplastic polyurethane. They exhibit excellent toughness, abrasive resistance, solvent resistance, and hydrolysis stability. 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-2090A-Polycaprolactoneester-TPUResin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	ASTM D2240
Tensile Strength	40.0 MPa	5800 psi	ASTM D412
Tensile Strength, Yield	6.90 MPa @Strain 50.0 %	1000 psi @Strain 50.0 %	ASTM D412
	9.70 MPa @Strain 100 %	1410 psi @Strain 100 %	ASTM D412
	23.0 MPa @Strain 300 %	3340 psi @Strain 300 %	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
Tear Strength	90.0 kN/m	514 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	10	10	ASTM D1044(Taber) H-22
Compression Set	20 % @Temperature 23.0 Â°C, Time 79200 sec	20 % @Temperature 73.4 Â°F, Time 22.0 hour	ASTM D395
	25 % @Temperature 70.0 Â°C, Time 79200 sec	25 % @Temperature 158 Â°F, Time 22.0 hour	ASTM D395

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