

GRECO ISOTHANE 1095AF Poly(adipate)ester TPU Resin

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

Material Notes:

ISOTHANE 1000 FDA series products are poly(adipate)ester based thermoplastic polyurethanes. They exhibit excellent toughness, abrasive resistance and solvent resistance. These products can be injection molded, blow molded, and extruded. In compliance with FDA CFR 177.105, 177.1680, and 177.2600 requirements Information provided by Greater Eastern Resins Industrial Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_GRECO-ISOTHANE-1095AF-Polyadipateester-TPUResin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Tensile Strength	34.0 MPa	4930 psi	ASTM D412
Tensile Strength, Yield	10.0 MPa @Strain 50.0 %	1450 psi @Strain 50.0 %	ASTM D412
	12.0 MPa @Strain 100 %	1740 psi @Strain 100 %	ASTM D412
	24.0 MPa @Strain 300 %	3480 psi @Strain 300 %	ASTM D412
Elongation at Break	470 %	470 %	ASTM D412
Tear Strength	110 kN/m	628 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	60	60	ASTM D1044(Taber) H-22
Compression Set	30 % @Temperature 23.0 Â°C, Time 79200 sec	30 % @Temperature 73.4 Â°F, Time 22.0 hour	ASTM D395
	75 % @Temperature 70.0 Â°C, Time 79200 sec	75 % @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