

Toyobo A3080A Thermoplastic Polyurethane Elastomer, Injection Grade

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP , Thermoplastic Polyurethane, Elastomer, Ether Grade

Material Notes:

Polyether type, featuring excellent resistance to hot water and fungus. Various grades of Toyobo polyurethane TPEs are used in auto parts, hoses, tubes, sporting goods, shoe soles, etc. Information provided by Toyobo Co., Ltd

Order this product through the following link:

http://www.lookpolymers.com/polymer_Toyobo-A3080A-Thermoplastic-Polyurethane-Elastomer-Injection-Grade.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	ASTM D2240
Tensile Strength, Ultimate	39.0 MPa	5660 psi	ASTM D638
Tensile Strength, Yield	5.40 MPa @Strain 100 %	783 psi @Strain 100 %	ASTM D638
Elongation at Break	510 %	510 %	ASTM D638
Tear Strength	88.0 kN/m	502 pli	ASTM D624
Taber Abrasion, mg/1000 Cycles	10	10	H22
Compression Set	35 %	35 %	ASTM D395B

Thermal Properties	Metric	English	Comments
Vicat Softening Point	90.0 °C	194 °F	ASTM D1525
Brittleness Temperature	<= -65.0 °C	<= -85.0 °F	ASTM D746

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