

Toyobo E3090A Thermoplastic Polyurethane Elastomer, Extrusion 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-E3090A-Thermoplastic-Polyurethane-Elastomer-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 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	8.30 MPa @Strain 100 %	1200 psi @Strain 100 %	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Tear Strength	118 kN/m	673 pli	ASTM D624

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