

Toyobo E2090A Thermoplastic Polyurethane Elastomer, Extrusion Grade

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

Material Notes:

Polycaprolactone type, featuring a good balance of mechanical strength and chemical resistance. 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-E2090A-Thermoplastic-Polyurethane-Elastomer-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	ASTM D2240
Tensile Strength, Ultimate	42.0 MPa	6090 psi	ASTM D638
Tensile Strength, Yield	7.40 MPa @Strain 100 %	1070 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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