

Toyobo E1080A Thermoplastic Polyurethane Elastomer, Extrusion Grade

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

Material Notes:

Polybutyleneadipate type, the most general purpose type of Toyobo Polyurethane; features excellent cost-performance. 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-E1080A-Thermoplastic-Polyurethane-Elastomer-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength, Ultimate	34.0 MPa	4930 psi	ASTM D638
Tensile Strength, Yield	4.40 MPa @Strain 100 %	638 psi @Strain 100 %	ASTM D638
Elongation at Break	650 %	650 %	ASTM D638
Tear Strength	93.0 kN/m	531 pli	ASTM D624

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