

## Toyobo E2080A 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-E2080A-Thermoplastic-Polyurethane-Elastomer-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Toyobo-E2080A-Thermoplastic-Polyurethane-Elastomer-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	ASTM D2240
Tensile Strength, Ultimate	34.0 MPa	4930 psi	ASTM D638
Tensile Strength, Yield	5.40 MPa @Strain 100 %	783 psi @Strain 100 %	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Tear Strength	93.0 kN/m	531 pli	ASTM D624

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