

## 1085A Polyurethane-based Biomedical Elastomer

Category : Polymer , Thermoset , Polyurethane, TS , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_1085A-Polyurethane-based-Biomedical-Elastomer.php](http://www.lookpolymers.com/polymer_1085A-Polyurethane-based-Biomedical-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	ASTM D2240
Tensile Strength, Ultimate	48.3 MPa	7000 psi	ASTM D412
Tensile Strength, Yield	5.52 MPa	800 psi	at 100%; ASTM D412
Elongation at Break	450 %	450 %	ASTM D412

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