

## MF-5040 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\\_MF-5040-Polyurethane-based-Biomedical-Elastomer.php](http://www.lookpolymers.com/polymer_MF-5040-Polyurethane-based-Biomedical-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength, Ultimate	34.5 MPa	5000 psi	ASTM D412
Tensile Strength, Yield	2.07 MPa	300 psi	at 100%; ASTM D412
Elongation at Break	700 %	700 %	ASTM D412

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