

## 1055D 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\\_1055D-Polyurethane-based-Biomedical-Elastomer.php](http://www.lookpolymers.com/polymer_1055D-Polyurethane-based-Biomedical-Elastomer.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.16 g/cc | 1.16 g/cc | ASTM D792 |

| Mechanical Properties      | Metric   | English  | Comments           |
|----------------------------|----------|----------|--------------------|
| Hardness, Shore D          | 54       | 54       | ASTM D2240         |
| Tensile Strength, Ultimate | 66.2 MPa | 9600 psi | ASTM D412          |
| Tensile Strength, Yield    | 17.2 MPa | 2500 psi | at 100%; ASTM D412 |
| Elongation at Break        | 350 %    | 350 %    | ASTM D412          |

## Contact Songhan Plastic Technology Co.,Ltd.

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