

## PB1100-80 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\\_PB1100-80-Polyurethane-based-Biomedical-Elastomer.php](http://www.lookpolymers.com/polymer_PB1100-80-Polyurethane-based-Biomedical-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength, Ultimate	31.7 MPa	4600 psi	ASTM D412
Tensile Strength, Yield	3.83 MPa	555 psi	at 100%; ASTM D412
Elongation at Break	590 %	590 %	ASTM D412
Tear Strength	57.8 kN/m	330 pli	die C; ASTM D624
Compression Set	25 - 30 %	25 - 30 %	ASTM D395

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