

PB1100-75 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_PB1100-75-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	75	75	ASTM D2240
Tensile Strength, Ultimate	22.4 MPa	3250 psi	ASTM D412
Tensile Strength, Yield	2.90 MPa	420 psi	at 100%; ASTM D412
Elongation at Break	575 %	575 %	ASTM D412
Tear Strength	42.1 kN/m	240 pli	die C; ASTM D624
Compression Set	45 - 50 %	45 - 50 %	ASTM D395

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