

5265 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_5265-Polyurethane-based-Biomedical-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Ultimate	41.4 MPa	6000 psi	ASTM D412
Tensile Strength, Yield	22.8 MPa	3300 psi	at 100%; ASTM D412
Elongation at Break	460 %	460 %	ASTM D412
Tear Strength	210 kN/m	1200 pli	die B; ASTM D624
Compression Set	20 %	20 %	ASTM D395

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