

R70-057 Styrene-based Biomedical Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_R70-057-Styrene-based-Biomedical-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	ASTM D2240
Tensile Strength, Ultimate	8.41 MPa	1220 psi	ASTM D412
Tensile Strength, Yield	0.689 MPa	100 psi	at 100%; ASTM D412
Elongation at Break	890 %	890 %	ASTM D412
Tear Strength	15.8 kN/m	90.0 pli	die B; ASTM D624
Compression Set	33 %	33 %	ASTM D395

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