

R70-058 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_R70-058-Styrene-based-Biomedical-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength, Ultimate	14.3 MPa	2080 psi	ASTM D412
Tensile Strength, Yield	2.07 MPa	300 psi	at 100%; ASTM D412
Elongation at Break	660 %	660 %	ASTM D412
Tear Strength	21.0 kN/m	120 pli	die B; ASTM D624
Compression Set	55 %	55 %	ASTM D395

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