

## G-2705 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\\_G-2705-Styrene-based-Biomedical-Elastomer.php](http://www.lookpolymers.com/polymer_G-2705-Styrene-based-Biomedical-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	ASTM D2240
Tensile Strength, Ultimate	5.86 MPa	850 psi	ASTM D412
Tensile Strength, Yield	2.76 MPa	400 psi	at 100%; ASTM D412
Elongation at Break	700 %	700 %	ASTM D412
Tear Strength	24.5 kN/m	140 pli	die B; ASTM D624
Compression Set	38 %	38 %	ASTM D395

## Contact Songhan Plastic Technology Co.,Ltd.

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