

## STAR Thermoplastic Alloys & Rubbers StarTUFF TF 40-LR-9 TPE

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

**Material Notes:**

Product Description: StarTUFF TF 40-LR-9 is an easy processing TPE designed for injection molding Features:Soft TouchRubbery FeelHigh Tear strengthHigh Tensile strengthProcessing Method: Injection MoldingInformation Provided by STAR Thermoplastic Elastomers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_STAR-Thermoplastic-Alloys-Rubbers-StarTUFF-TF-40-LR-9-TPE.php](http://www.lookpolymers.com/polymer_STAR-Thermoplastic-Alloys-Rubbers-StarTUFF-TF-40-LR-9-TPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792
Viscosity	8600 cP @Shear Rate 10994 1/s, Temperature 210 Å°C	8600 cP @Shear Rate 10994 1/s, Temperature 410 Å°F	ASTM D3835

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 @Time 10.0 sec	40 @Time 0.00278 hour	ASTM D2240
Tensile Strength at Break	6.69 MPa @Time 7200 sec	970 psi @Time 2.00 hour	Die C; ASTM D414
Elongation at Break	700 % @Time 7200 sec	700 % @Time 2.00 hour	Die C; ASTM D412
300% Modulus	0.00121 GPa @Time 7200 sec	0.175 ksi @Time 2.00 hour	Die C; ASTM D412
Tear Strength	22.4 kN/m	128 pli	ASTM D624

Descriptive Properties	Value	Comments
Color	Black	

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