

Spartech Formalloy TPR Thermoplastic Rubber Alloy Specialty Sheet

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

Material Notes:

Description: Specialty Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Formalloy-TPR-Thermoplastic-Rubber-Alloy-Specialty-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell L	88	88	ASTM D785
Tensile Strength at Break	7.770 MPa	1127 psi	ASTM D638
Elongation at Break	627 %	627 %	ASTM D638
Flexural Modulus	0.1190 GPa	17.26 ksi	ASTM D790
Izod Impact, Unnotched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	126 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$ @Temperature 20.0 $\text{Å}^\circ\text{C}$	70.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$ @Temperature 68.0 $\text{Å}^\circ\text{F}$	ASTM D696

Optical Properties	Metric	English	Comments
Gloss	20 - 25 %	20 - 25 %	Gardner; ASTM D2523

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