

Spartech Marballoy Marbleized Thermoplastic Alloy Specialty Sheet

Category : Polymer , Thermoplastic

Material Notes:

Description: Specialty Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Marballoy-Marbleized-Thermoplastic-Alloy-Specialty-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength, Yield	24.8 MPa	3600 psi	ASTM D638
Elongation at Break	1000 %	1000 %	ASTM D638
Tensile Modulus	0.827 GPa	120 ksi	ASTM D638
Flexural Modulus	1.14 GPa	165 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	126 $\mu\text{m/m-}^\circ\text{C}$ @Temperature 20.0 $^\circ\text{C}$	70.0 $\mu\text{in/in-}^\circ\text{F}$ @Temperature 68.0 $^\circ\text{F}$	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	71.1 $^\circ\text{C}$	160 $^\circ\text{F}$	ASTM D648

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