

Ecomass® 5100TU96 Tungsten Filled SEBS

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE , Styrene-Butadiene

Material Notes:

Nontoxic alternative to Lead (Pb), weighting, balancing and radiation shielding applications. High Specific Gravity Tungsten Powder Filled SEBS Base Resin Very Flexible Information provided by Technical Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-5100TU96-Tungsten-Filled-SEBS.php

Physical Properties	Metric	English	Comments
Specific Gravity	11.0 g/cc	11.0 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	23	23	ASTM D2240
Tensile Strength, Ultimate	1.35 MPa	196 psi	ASTM D638
Elongation at Break	177 %	177 %	ASTM D638
Flexural Strength	2.66 MPa	386 psi	ASTM D790
Flexural Modulus	0.0917 GPa	13.3 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	149 - 204 °C	300 - 400 °F	
Mold Temperature	21.1 - 37.8 °C	70.0 - 100 °F	

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