

Ecomass® 2150TU96 Tungsten Powder Filled Polyamide (PA6/6), Injection Molding Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Tungsten Powder Filled Polyamide (PA6/6), Good Toughness, Product Form - Pellets Processing Method: Injection Molding Nontoxic alternative to Lead, weighting, balancing and radiation shielding applications Information provided by Technical Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-2150TU96-Tungsten-Powder-Filled-Polyamide-PA66-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	11.0 g/cc	11.0 g/cc	Internal Method
Linear Mold Shrinkage	0.0090 - 0.010 cm/cm	0.0090 - 0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	35.0 MPa	5080 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Tensile Modulus	3.00 GPa	435 ksi	ISO 527
Flexural Modulus	4.10 GPa	595 ksi	ISO 178

Processing Properties	Metric	English	Comments
Melt Temperature	265 - 290 °C	509 - 554 °F	
Mold Temperature	65.0 - 90.0 °C	149 - 194 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 - 6 hour	4 - 6 hour	
Moisture Content	<= 0.20 %	<= 0.20 %	target

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