

## Ecomass® 2150TU85 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-2150TU85-Tungsten-Powder-Filled-Polyamide-PA66-Injection-Molding-Grade.php](http://www.lookpolymers.com/polymer_Ecomass-2150TU85-Tungsten-Powder-Filled-Polyamide-PA66-Injection-Molding-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	5.60 g/cc	5.60 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	43.0 MPa	6240 psi	ISO 527
Elongation at Break	9.0 %	9.0 %	ISO 527
Tensile Modulus	2.90 GPa	421 ksi	ISO 527
Flexural Modulus	2.50 GPa	363 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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China