

Ecomass® 1850ZN66T1 Steel Powder Filled Polyamide, Injection Molding

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Impact Grade

Material Notes:

Steel Powder Filled Polyamide (PA6), Impact Modified, Product Form - Pellets Processing Method: Injection Molding Nontoxic alternative to Lead, weighting and balancing applications Information provided by Technical Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-1850ZN66T1-Steel-Powder-Filled-Polyamide-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.50 g/cc	2.50 g/cc	Internal Method
Linear Mold Shrinkage	0.0080 - 0.010 cm/cm	0.0080 - 0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	31.0 MPa	4500 psi	ISO 527
Elongation at Break	10 %	10 %	ISO 527
Flexural Modulus	2.80 GPa	406 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	150 °C	302 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	230 - 260 °C	446 - 500 °F	
Mold Temperature	65.0 - 80.0 °C	149 - 176 °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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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