

Ecomass® 705ZG91 Stainless Steel/Tungsten Filled ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

High Specific GravityStainless Steel/Tungsten Powder Filled ABSInformation provided by Technical Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-705ZG91-Stainless-SteelTungsten-Filled-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	6.00 g/cc	6.00 g/cc	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	16.5 MPa	2400 psi	ASTM D638
Elongation at Break	1.1 %	1.1 %	ASTM D638
Flexural Modulus	8.96 GPa	1300 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 249 °C	400 - 480 °F	
Mold Temperature	37.8 - 65.6 °C	100 - 150 °F	
Drying Temperature	71.1 - 82.2 °C	160 - 180 °F	
Dry Time	2 - 4 hour	2 - 4 hour	

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