

Ecomass® 1002ZC85 Stainless Steel Filled COPA

Category : Polymer , Thermoplastic , Nylon

Material Notes:

Nontoxic alternative to Lead (Pb), weighting, balancing and radiation shielding applications. Stainless Steel Powder Filled Co-Polyamide (COPA) Excellent Toughness Information provided by Technical Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-1002ZC85-Stainless-Steel-Filled-COPA.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.75 g/cc	3.75 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.00 MPa	1310 psi	ISO 527
Elongation at Break	500 %	500 %	ISO 527
Flexural Modulus	0.200 GPa	29.0 ksi	ISO 178
Izod Impact, Notched	NB	NB	ISO 180-A

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 230 °C	392 - 446 °F	
Drying Temperature	70.0 °C	158 °F	
Dry Time	2 - 4 hour	2 - 4 hour	

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