

Ecomass® 720ZC85 Stainless Steel Filled ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

High Specific GravityStainless Steel Powder Filled ABSGood ToughnessPlateableInformation provided by Technical Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-720ZC85-Stainless-Steel-Filled-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	4.00 g/cc	4.00 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	19.00 MPa	2756 psi	ASTM D638
Elongation at Break	1.1 %	1.1 %	ASTM D638
Flexural Modulus	8.631 GPa	1252 ksi	ASTM D790
Izod Impact, Notched	0.587 J/cm	1.10 ft-lb/in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 249 °C	400 - 480 °F	
Mold Temperature	26.7 - 48.9 °C	80.0 - 120 °F	
Drying Temperature	71.1 - 82.2 °C	160 - 180 °F	
Dry Time	2 - 4 hour	2 - 4 hour	

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