

Ecomass® 1002ZC85

Polyamide Copolymer

Ecomass Technologies

Message:

Ecomass®1002ZC85 is a polyamide copolymer (nylon copolymer) material, which contains a filler of stainless steel powder. This product is available in North America and is processed by extrusion.

Ecomass®The main features of 1002ZC85 are:

Copolymer

Good toughness

Good flexibility

non-toxic

General Information			
Filler / Reinforcement	Stainless steel powder filler		
Features	Ultra high toughness		
	Copolymer		
	Good flexibility		
	Non-toxic		
Uses	Radiation shielding		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	3.75	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	9.00	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	200	MPa	ISO 178
Additional Information			
Notched Izod Impact Strength, ISO 180, Notch A: No Break J/m			
Extrusion	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	2.0 - 4.0	hr	
Melt Temperature	200 - 230	°C	

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Recommended distributors for this material

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