



Technical Data Sheet

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Material: Ecomass® Compound 1002ZB92

Nontoxic alternative to Lead (Pb), weighting, balancing and radiation shielding applications

Description / Features: High Specific Gravity, Filled Polyether Block Amide, Excellent Toughness

Processing Method: Extrusion / Injection Molding

Physical Properties					
	Test Method	English		SI	
		Value	Units	Value	Units
Physical Properties					
Product Form		Pellets		Pellets	
Density		6.90	6.90	6.90	g/cc
Mechanical Properties					
Tensile Strength	ISO 527	1,305	psi	9	Mpa
Tensile Elongation at Break	ISO 527	500	%	500	%
Flexural Modulus	ISO 178	29,000	psi	200	Mpa
Izod Impact Strength, notched	ISO 180/A	NB	ft-lb/in	NB	J/m
Processing Information					
Melt Temperature Range		390 - 450	°F	200 - 230	°C
Pre-Drying Conditions		2 - 4 hours @ 150 °F		2 - 4 hours @ 70 °C	

NB

No Break

The information provided above is based on laboratory testing using test methods indicated and is believed to represent nominal results of those tests. Because conditions under which this material may be processed, tested or used cannot be anticipated, no warranty is given, either expressed or implied, as to the accuracy or reproducibility of this information or for the fitness of this material for any particular use. This material is sold with the express understanding that purchasers, processors or other users of this material have sole responsibility, through performance of their own testing, to determine the suitability of this material for any particular use.

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