

Ecomass® 1007TU78

Polyamide Copolymer

Ecomass Technologies

Message:

Ecomass®1007TU78 is a polyamide copolymer (nylon copolymer) material that contains a tungsten filler. This product is available in North America and is processed by injection molding.

Ecomass®The main features of 1007TU78 are:

- Copolymer
- Good toughness
- Good flexibility
- non-toxic

General Information			
Filler / Reinforcement	Tungsten packing		
Features	Ultra high toughness		
	Copolymer		
	Good flexibility		
	Non-toxic		
Uses	Radiation shielding		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	3.80	g/cm³	ISO 1183
Molding Shrinkage - Flow	1.0 - 1.2	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	979	MPa	ISO 527-2
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Tensile Strain (Break)	76	%	ISO 527-2
Flexural Modulus	870	MPa	ISO 178
Additional Information			
Notched Izod Impact Strength, ISO 180, Notch A: 6.8 KJ/m			
Injection	Nominal Value	Unit	
Drying Temperature	75.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	230 - 250	°C	
Mold Temperature	65.0 - 80.0	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

