

Ecomass® 705ZD70

Acrylonitrile Butadiene Styrene

Ecomass Technologies

Message:

Ecomass® 705ZD70 is an Acrylonitrile Butadiene Styrene (ABS) material filled with tungsten. It is available in North America for extrusion.

Important attributes of Ecomass® 705ZD70 are:

Good Toughness

Non-Toxic

Rigid

General Information			
Filler / Reinforcement	Tungsten		
Features	High Specific Gravity		
	Medium Rigidity		
	Non-Toxic		
	Ultra High Toughness		
Uses	Radiation Shielding		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	3.00	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	0.40 to 0.60	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Flexural Modulus	2900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m ²	ISO 180/A
Injection	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	249 to 288	°C	
Mold Temperature	37.8 to 65.6	°C	
Extrusion	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Drying Time	2.0 to 4.0	hr	
Melt Temperature	249 to 288	°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.

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

