Starglas GX061104

Polysulfone

Eurostar Engineering Plastics

Message:

Starglas GX061104 is a PSU resin (also known as Starglas PSU A 3/4)

General Information			
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.23	g/cm³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	0.60	%	Internal Method
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	73.0	MPa	
Break	53.0	MPa	
Tensile Strain (Yield)	5.9	%	ISO 527-2/50
Flexural Modulus [1]	2600	MPa	ISO 178
Flexural Stress	113	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength [2] (23°C)	7.0	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength [3] (23°C)	No Break		ISO 180/1U
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature [4] (1.8 MPa, Unannealed, 64.0 mm Span)	151	°C	ISO 75-2/Af
Injection	**Nominal Value**	**Unit**	
Drying Temperature	120 to 150	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	310 to 330	°C	
Middle Temperature	310 to 330	°C	
Front Temperature	310 to 330	°C	
Processing (Melt) Temp	310 to 330	°C	
Mold Temperature	150	°C	
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

4.	80*10*4

Recommended distributors for this material

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