

Generic Nylon 66/6 - Glass Fiber, Long

Polyamide 66/6 Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 66/6 - Glass Fiber, Long
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Long Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.45 to 1.69	g/cm ³	ISO 1183
Molding Shrinkage (23°C)	0.10 to 0.40	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	13000 to 22500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	220 to 280	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.0 to 2.3	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	25 to 40	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	75 to 100	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
1.8 MPa, Unannealed	235 to 255	°C	ISO 75-2/A
8.0 MPa, Unannealed	220 to 235	°C	ISO 75-2/C
Continuous Use Temperature	123 to 220	°C	ASTM D794
Melting Temperature	240 to 260	°C	ISO 11357-3

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

