

Tislamid® PA6 PA6 30 GFR

Polyamide 6

Tisan

Message:

Tislamid® PA6 PA6 30 GFR is a Polyamide 6 (Nylon 6) material filled with 30% glass fiber. It is available in Africa & Middle East or Europe for injection molding. Primary attribute of Tislamid® PA6 PA6 30 GFR: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage	0.30	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	< 2.0	%	ISO 62
Ash Content	30	%	ISO 3451
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	84		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	165	MPa	
Break	160	MPa	
Tensile Strain			ISO 527-2
Yield	3.0	%	
Break	2.8	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	14	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	220	°C	ISO 75-2/Be
Vicat Softening Temperature	215	°C	ISO 306/B120
Melting Temperature	220 to 225	°C	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (3.00 mm)	550	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Flammability Index (3.00 mm)	650	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	

Drying Time	4.0	hr
Rear Temperature	220 to 240	°C
Middle Temperature	220 to 240	°C
Front Temperature	220 to 240	°C
Nozzle Temperature	210 to 230	°C
Processing (Melt) Temp	220 to 240	°C
Mold Temperature	60.0 to 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

