

Tekumid 6 T/GF 50

Polyamide 6
TEKUMA Kunststoff GmbH

Message:

Tekumid 6 T/GF 50 is a polyamide 6 (nylon 6) material, and the filler is 50% glass fiber reinforced material. This product is available in Europe. The main characteristics of Tekumid 6 T/GF 50 are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 50% filler by weight		
Appearance	Black		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.30	%	ASTM D955
Water Absorption ¹ (Equilibrium, 23°C, 50% RH)	0.80	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	160	MPa	ISO 527-2
Tensile Strain (Break)	1.7	%	ISO 527-2
Flexural Modulus	6700	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B120
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	21	kV/mm	ASTM D149
Comparative Tracking Index			IEC 60112
Solution a	500	V	IEC 60112
Solution B	350	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	600	°C	IEC 60695-2-13
Additional Information			
Application Temperature, IEC 216, 20.000 hr: 120°C			
NOTE			
1.	24H		

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

