



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



GT30

High Thermal Conductivity Glassfiber Reinforcement



Features

- Natural tack
- Smooth surface & low thermal contact resistance
- Exceptional thermal performance at lower application pressures (20psi~400psi)
- Usable over a wide temperature range
- Simplified processing and reduced operating costs
- Complies with UL standards

Properties

Property	GT30	Unit	Test Method
Colour	Pink	-	Visual
Reinforcement	Fiberglass	-	-
Thickness	0.23	(mm)	-
Op. Temp. Range	-45 to 180	°C	-
Density	2.8	g/cm ³	ASTM D792
Thermal Conductivity	3.0	W/mK	ASTM D5470
Hardness	80	Shore A	ASTM D2240
Breakdown Voltage AC	3000	V	ASTM D149
Breakdown Voltage DC	5000	V	ASTM D149
Dielectric Constant	6.0	1000 Hz	ASTM D150
Thermal Impedance		°C in ² /W	
t=0.23mm 20psi	0.38	psi	ASTM D5470
t=0.23mm 50psi	0.28	psi	ASTM D5470
t=0.23mm 100psi	0.25	psi	ASTM D5470
t=0.23mm 200psi	0.32	psi	ASTM D5470
t=0.23mm 400psi	0.30	psi	ASTM D5470
TML	< 0.2 %	%	ASTM E595
Tensile Strength	100	psi	ASTM D412
Elongation	30	%	ASTM D412
UL Flammability	V-0	-	UL 94

Limited Warranty

High Thermal Conductivity Glassfiber Reinforcement is guaranteed against detachment, under normal use, for 5 years from the purchase date.

User shall be solely responsible for determining the suitability of TIM for the intended use, and the user assumes all risks and liabilities whatsoever in connection there with. Neither seller nor manufacturer shall be liable either in tort or in contract for any loss damage, including loss of profits or revenue arising out of the use or the inability to use a product.