

Ti900

Thermally Conductive Insulators

REACH Compliant | RoHS Compliant | UL Comparable

Features

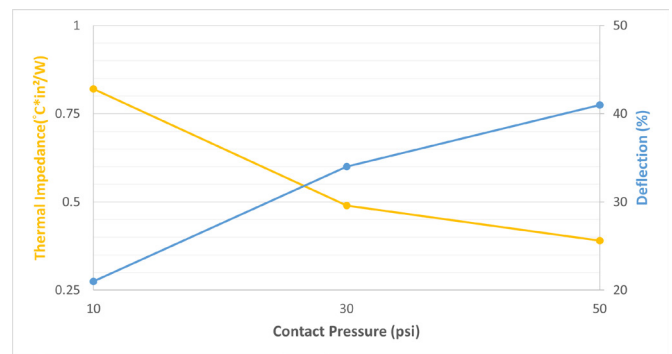
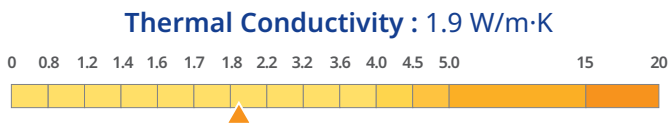
- Electrical insulation
- Low thermal impedance
- Easy to assemble

Applications

Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	Ti900	Tolerance	Test Method
Thermal Conductivity	W/m·K	1.9	±10%	ASTM D5470 Modified
Thickness	mm	0.12	-	ASTM D374
Color	-	Gray	-	-
Base	-	Polyimide	-	-
Dielectric Breakdown Voltage (AC)	kV	≥6.1	-	ASTM D149
Volume Resistivity	Ohm·m	>10 ¹²	-	ASTM D257
Operating Temperature	°C	-50~+180	-	-
Tensile Strength	psi	5000	-	ASTM D412
Elongation	%	40	-	ASTM D412
Flame Rating	-	V-0	-	UL94
Standard Format	-	Sheet	-	-

※Die-cut for different shapes

T-Global Technolgy Co., Ltd.

No.33, Ln.50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan

T +886-3-361-8899 E service@tglobalcorp.com W www.tglobalcorp.com

Version20
20250325



NOTICE: The information contained herein is to the best of our knowledge true and accurate. Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. All specifications are subject to change without notice. The protective film and release paper do not affect the function of the product. If there is no special requirement, the default depends on T-Global. Since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented with out guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology's invoice, quotation, or order acknowledgment. We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.