

TG2030S Series

High Performance Thermal Interface Materials



Features

Low hardness
Naturally tacky
Low oil bleed

Applications

Electronic components: IC / CPU / MOS
LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device / Wireless Hub etc...
DDR II Module / DVD Applications / Hand-Set applications etc...

Properties

Property	TG2030S	Unit	Test Method
Surface Tack 2-side / 1-side	2-	-	Visual
Colour	White	-	Visual
Construction	Silicone Gel	-	-
Optimum Temp. Range	-45 to 160	°C	-
Density	2.1	g/cm ³	ASTM D792
Thermal Conductivity	2.2	W/mK	ASTM D5470
Shore 00	15	-	ASTM D2250
t=1.0mm Thermal impedance @10psi	0.92	K-in ² /W	ASTM D575
t=1.0mm Thermal impedance @50psi	0.68	K-in ² /W	ASTM D575
t=1.0mm Thermal impedance @100psi	0.58	K-in ² /W	ASTM D575
t=1.0mm Percent Deflection % @10psi	25	%	ASTM D575
t=1.0mm Percent Deflection % @50psi	55	%	ASTM D575
t=1.0mm Percent Deflection % @100psi	89	%	ASTM D575
Breakdown Voltage	16	KV/mm	ASTM D149
Volume Resistance	10 ¹²	Ohm-cm	ASTM D257
Total Mass Loss	<0.5	%	ASTM E595
Tensile Strength	40	PSI	ASTM D412
Elongation	80	%	ASTM D412
Flammability Rating	V-0	-	UL 94
REACH/RoHS Compliant	Yes	-	REACH / RoHS