

TG832

Ultra Soft Thermal Conductive Pad


Features

Superior thermal conductivity
 Highly compressible
 Naturally tacky
 Low Shore 00 hardness
 Low oil bleed
 Electrically insulating

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

 REACH Compliant
 ROSH Compliant

Property	TG832	Unit	Tolerance	Test Method
Color	Pink	-	-	Visual
Thickness (Available thickness range)	0.5- 5.0	mm	-	ASTM D374
	0.0197-0.1969	inch	-	ASTM D374
Thermal Conductivity	5	W/mK	-	ASTM D5470
Flammability Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	16	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	2.3	g/cm ³	±0.2	ASTM D792
Working Temperature	-45 to 200	°C	-	-
Volume Resistance	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation	300	%	±13	ASTM D412
Tensile Strength	1	Kgf/cm ²	±2	ASTM D412
Standard Shape	-	Sheets 320-320mm	-	-
Hardness	40	Shore 00	±5	ASTM D2240

he heat flow go through equally, and the thermal conductive performance is good.