

L37-3S / TG-A373S Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

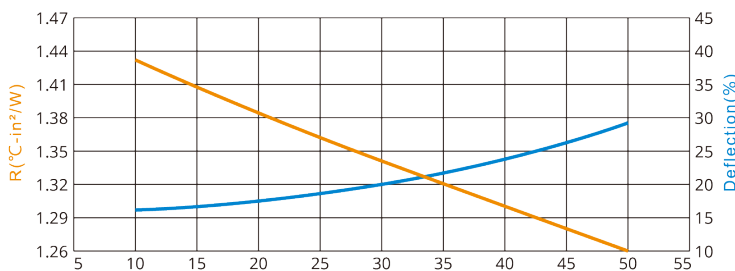
- Great reworkability & Easy to assemble
- High softness and compressibility
- Natural tack
- Shock & vibration absorber

Applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Properties

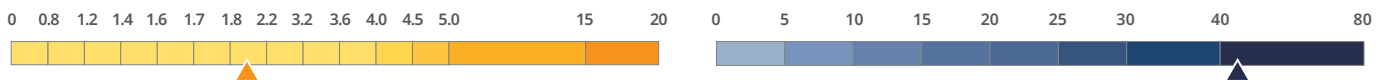
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	1.43	16
30	1.34	20
50	1.26	29

Thermal Conductivity : 2 W/mK

Hardness : 45 (Shore 00)



Properties	L37-3S / TG-A373S	Unit	Tolerance	Test Method
Thermal Conductivity	2	W/mK	±10%	ASTM D5470
Thickness	0.3~20.0	mm	-	ASTM D374
	0.0118~0.787	inch	-	ASTM D374
Color	Yellow	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥13.3	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.21	g/cm ³	±10%	ASTM D792
Working Temperature	-40~+200	°C	-	-
Volume Resistance	>10 ¹⁰	Ohm-m	-	ASTM D257
Elongation	350	%	-	ASTM D412
Tensile strength	8	kgf/cm ²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	45	Shore 00	±5	ASTM D2240

※Different tolerances according to the selected thickness

※Pre-cut for different shapes

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