



# L37-3L / TG-A373L **Thermal Pad**

REACH Compliant RoHS Compliant UL Compliant

#### **Features**

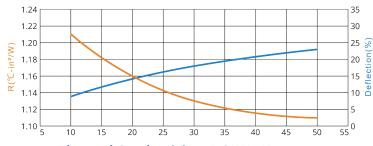
- · High insulation strength
- · Low contact thermal impedance
- · High dielectric breakdown voltage
- · Low oil bleed

## **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	1.21	9	
30	1.13	18	
50	1.11	23	

Thermal Conductivity: 1.6 W/mK

Hardness: 12.5 (Shore A)



Properties	L37-3L / TG-A373L	Unit	Tolerance	Test Method
Thermal Conductivity	1.6	W/mK	±10%	ASTM D5470
Thickness	0.5~10.0	mm	-	ASTM D374
	0.0197~0.0.394	inch	-	ASTM D374
Colour	Yellow	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	15.3	KV/mm	±10%	ASTM D149
Weight Loss	<0.2	%	-	ASTM E595
Density	2.4	g/cm³	±10%	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 <sup>11</sup>	Ohm-m	-	ASTM D257
Elongation	20	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	12.5	Shore A	±5	ASTM D2240

Pre-cut for different shapes

## T-Global Technology (Europe & North America) Limited

t-Global

T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

Units 1-2 Cosford Business Park, Central Park, Lutterworth, Leicestershire, LE17 4QU, United Kingdom **E** sales@tglobaltechnology.com **T** +44 (0)1455 553 510 **W** www.tglobaltechnology.com

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