

惠州市宏旺导热制品有限公司

HONEYWON THERMALLY CONDUCTIVE PRODUCTS CO.,LTD

ADD: Huicheng District, Huizhou, Guangdong, China TEL: (0086) 752-8481591

E-mail:saleslhoneywon@163.com Web: <http://www.thermally-conductive-silicone-interface-pad.com>

Technical Data:

Thermally conductive interface silicone pad HWP-150

Product Features:

- Good thermal conductivity
- High conformability and cost effective
- Shock absorbing and naturally tacky
- Electrically insulating
- it is easy to fill in air gaps between PC board and heat sinks or a metal chassis

Product Applications:

- Between electronic components such as Semiconductor, IC, CPU.MOS and heatsink.
- Led Lighting, LCD TV, Telecom device, wireless Hub,NB, PC, power supply etc
- Cooling Module, Thermal module, in all applications where a metal housing is used as heatsink.

Product description:

Typical Properties of HWP150			
Properties	Units	HWP150	Test Method
Construction & Composition	---	Silicone & Ceramic filled	---
Color	---	Dark Gray	Visual
Thickness Range	mm	0.5~12.0	---
Hardness	Shore C	25	ASTM D2240
Density	g/cc	2.5	ASTM D792
Tensile Strength	KN/m	0.5	ASTM D412
Elongation	%	70%	ASTM D412
Continuous Use Temp	℃	-40 to 150	EN344
Breakdown Voltage	Kv/mm	≥5.0	ASTM D149
Volume Impedance	ohm-cm	8.0×10^{15}	ASTM D257
Dielectric Constant	1MHz	5.75	ASTM D150
Weight Daminyfy	---	≤0.3 %	@150℃ 240H
Flame Rating	---	V-0	UL 94
Thermal Conductivity	W/m.k	1.5	ASTM D5470
UL, RoHS, REACH	---	Compliance	---

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Sheet sizes:

Standard sheet size:200*400mm and 330*330mm; Custom Die-cut parts available; Available with or without PSA

Percent Deflection Vs Pressure

