



Shenzhen Brilliance Rubber & Plastic material Co.,ltd

Thermal Conductive Silicone Pad Property

Item	Test Method	Unit	GAP010	GAP020	GAP030	GAP040	GAP050	GAP060
Color	Visual	/	Blue	Blue	Pink	white	white	white
Thickness	ASTM D374	mm	0.3-13	0.5-10.0	0.5-5.0	0.5-5.0	1.0-2.0	1.0-2.0
Density	ASTM D792	g/cm ³	2.1	2.5	3	3.2	3.3	3.4
Hardness	ASTM D2240	Shore C	20-60	20-60	20-60	20-60	30-60	30-60
Volume resistivity	ASTM D527	$\Omega \cdot \text{cm}$	$>1 \times 10^{13}$	$>1 \times 10^{13}$	$>1 \times 10^{13}$	$>1 \times 10^{12}$	$>1 \times 10^{12}$	$>1 \times 10^{12}$
Breakdown voltage	ASTM D149	Vac	>6000	>6000	>6000	>6000	>6000	>6000
Flame retardant Level	UL-94	/	V-0	V-0	V-0	V-0	V-0	V-0
Continuous use Temp	MIL-G-83528	°C	-50~200	-50~200	-50~200	-50~200	-50~200	-50~200
Thermal conductivity	ASTM E1530	W/m.K	1	2	3	4	5	6

- 1.Above information is for standard.
- 2.Can be customize (Color,Size,property etc.)