



Product Picture

Silicone Sheet Product Description

Silicone sheet has excellent physical and mechanical properties, surface soft, can reach the surface contact fully and has good heat conduction ability. The thermal conductivity increased with the time prolonging. Product raw material containing glass fiber (polyimide), the tear strength and tensile strength with higher. In addition has the property of environmental protection and good chemical stability.

Main supplier is U. S. A Bergquist, TaiWan Pioneer

TYPICAL PROPERTY VALUES

PROPERTY	TEST METHOD	UNITS	VALUE
THICKNESS	ASTM E252	MM	0.16 ~ 0.8
COLOR			All
Hardness	ASTM D 2240	°C	80 ± 5°
Thermal Property			
Thermal Conductivity	ASTM E1530	W/m-K	1.38-1.9
Thermal Resistance	ASTM D5470	°C/w	0.38-0.5
THERMAL			
CONTINUOUS USE TEMP		°C	- 40 °C ~ 200 °C
ELECTRICAL			
BREAK DOWN VOLTAGE	ASTM D149	KV	2.5-7
Dielectric Constant		60 Hz	4.3
		1K Hz	4.3
		1M Hz	4.1
Dielectric DissipationFactor		60 Hz	5×10 ⁻³
		1K Hz	4×10 ⁻³
	1M Hz	3×10 ⁻³	
FLAMMABILITY			
UL FLAMMABILITY UL	UL 94		V-0