

Non-silicone thermal compound OP-6700 is made of non-silicone resin material. No low molecular siloxane volatilization and low total volatile gas.

OP-6700 offers good thermal conductivity and low thermal resistance. This material conforms to surface irregularities under low application pressures.

OP-6700 is ROHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

**Features and Benefits**

- 7.0 W/m-K thermal conductivity
- Good compressibility
- Non-silicone gap pad
- Low hardness
- RoHS compliant
- Halogen-free

**Typical Applications**

- Silicone sensitive devices
- Power conversion equipment
- Cooling components to the chassis, frame or other types of heat spreader
- Wireless communication hardware
- Automotive control units
- Power supply
- Audio and video component
- Micro processor

**Optional Configurations**

- Cartridge packaging forms can be arranged upon request

Typical Properties	OP-6700	Test Method
Construction & Composition	Non-silicone elastomer	—
Color	Grey	Visual
Thickness Range /inch(mm)	0.02"~0.20" (0.508~5.08) in 0.01" (0.254) increments	—
Standard Sheet Size	9" x 9"	—
Density (g.cm-3)	3.2	—
Hardness /Shore 00	60	ASTM D2240
UL Flammability Rating	UL94 V0	—
Temperature Range (°C)	-40~125°C	—
Thermal Conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )	7.0	ASTM D5470 (modified)
Breakdown Voltage (KV/mm)	> 7	ASTM D149
Volume Resistivity /ohm.cm	1.0 × 10 <sup>13</sup>	ASTM D257
Silicone Volatiles	0	GC-FID
Shelf Life /Months	12	—

Please contact us for other special requirements

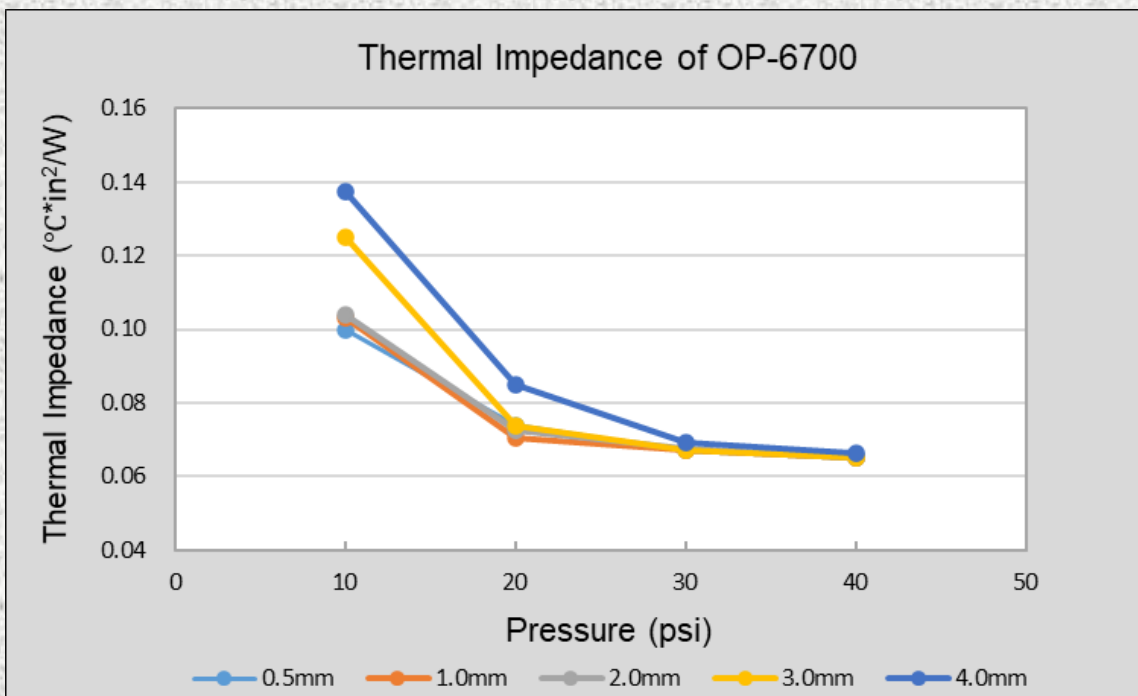
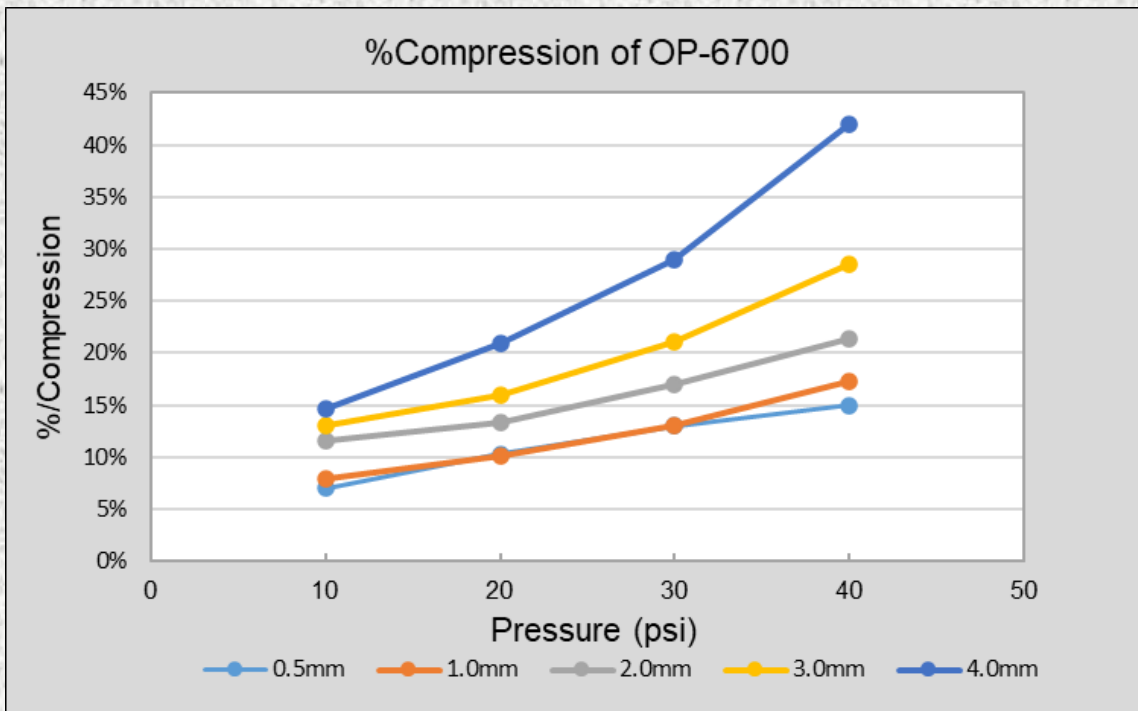
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