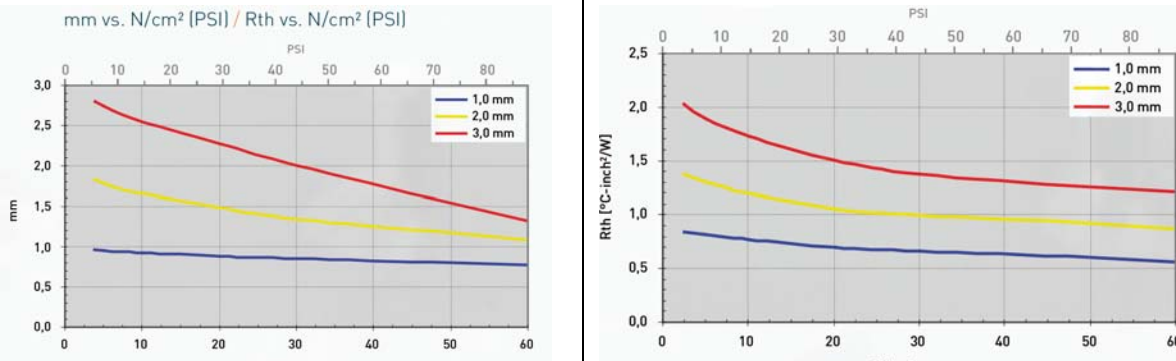


TECHNICAL DATA SHEET

CMC TYPE	MP 1518-004A
Product description Electrical insulating thermally conductive silicone gap filler e.g. for the thermal connection of SMD components and Flip Chips. The product is used for example in automotive applications, in medical technology or in notebooks.	
Supporting Base	ceramic filled silicone
Colour	beige / pink
Total thickness in mm	3.0
Hardness in Shore 00	30
Flammability according to UL 94	V1
Thermal properties	
Thermal Resistance @ 60PSI @ thickness in °C-inch ² /W(mm)	1.32 (1.78)
Thermal Resistance @ 30PSI @ thickness in °C-inch ² /W(mm)	1.51 (2.27)
Thermal Resistance @ 10PSI @ thickness in °C-inch ² /W(mm)	1.83 (2.67)
Thermal conductivity in W/mK	3.0
Temperature range in °C	-40 up to +200
Electrical properties	
Dielectric strength in kV/mm	> 10
Volume resistivity in ohm x cm	1.0 x 10 ¹⁰
Other properties	
- one-side self-tacky - thermal conductivity of 3.0 W/mK - operates at very low pressure - extraordinary soft and compliable - easy mounting through self tackiness - extraordinary chemical resistance and long term stability	
	

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

05/18

Quality guarantee: 12 months

The technical data are average values and subject to change without notice. They are not intended to replace user's testing.