CMC Klebetechnik GmbH Rudolf-Diesel-Straße 4 Germany - 67227 Frankenthal 0049 (0)6233/872-300

TECHNICAL DATA SHEET

CMC TYPE	**CMC 15026**
Product description CMC 15026 is an electrically insulating thermally conductive silicone gap filler. It is ideal for use in applications where thermal transfer over large gaps caused e.g. by big tolerances or different stack up heights must be achieved. Due to the specific formulation and filling with ceramic particles the silicone elastomer has a very high thermal conductivity. Through its extreme softness and flexibility the material perfectly mates to irregular surfaces thus filling gaps at very low pressure. By its use the total thermal resistance is minimized. The natural tackiness of the material allows for an easy and reliable pre-assembly.	
Applications Thermal link of e.g. SMD packages or capacitors for use in automotive applications, medicine engineering or Laptops.	
Supporting Base	ceramic filled silicone
Colour	light blue
Total thickness in mm	2.0
Hardness Shore 00	20
Flammability according to UL 94	V0
Thermal Properties	
Thermal Resistance @ 60 PSI @ Thickness in °C-inch²/W (mm) according to ASTM D 5470	0.58 (0.85)
Thermal Resistance @ 30 PSI @ Thickness in °C-inch²/W (mm) according to ASTM D 5470	0.70 (1.02)
Thermal Resistance @ 10 PSI @ Thickness in °C-inch²/W (mm) according to ASTM D 5470	0.89 (1.29)
Thermal conductivity in W/mK	2.5
Temperature range in °C	-60 up to +180
Electrical properties	
Dielectric strength in kV/mm	10
Volume Resistivity in Ohm - cm	1.0×10^{11}
Other properties	
- operates at minimum pressure - extraordinary chemical resistance and long term stability - easy mounting through self tackiness (one-side self-tacky)	

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity) 08/18
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.