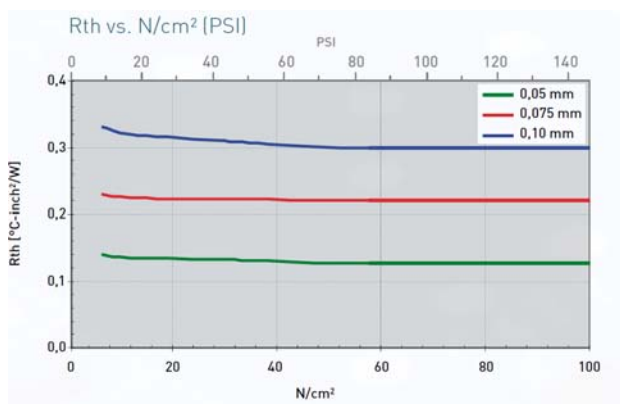


TECHNICAL DATA SHEET

CMC TYPE	MP 7014-001B, double-sided
Supporting Base	Kapton® 100MT with phase change coating on both sides
Examples of application	thermal connection of electronic components to cooling surfaces
Colour	light pink
Substrate thickness in mm	0.025
Thickness Phase Change side 1 in mm	0.0125
Thickness Phase Change side 2 in mm	0.0125
Total thickness in mm	0.050
Flammability according to UL 94	V0
Thermal properties	
Thermal resistance @ 150PSI in °C x inch²/W (mm)	0.13
Thermal resistance @ 30PSI in °C x inch²/W (mm)	0.135
Thermal resistance @ 10PSI in °C x inch²/W (mm)	0.14
Thermal conductivity Kapton® MT in W/mK	0.45
Phase Change Temperatur in °C	ca. 52
Electrical properties	
Breakdown Voltage in kV AC	4.2
Volume Resistivity in Ohm·cm	$4.9 \cdot 10^{14}$
Dielectric Constant @ 1 MHz	1.8
Other properties	
	- optimal thermal contact - high dielectric strength - silicone-free - no dry up, pump-out migration - no run-out through thixotropic properties - process reliable coating thickness - ideal replacement of messy thermal grease
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Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

Quality guarantee: 12 months

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