

Data Sheet

CMC TYPE	CMC 15036
Product description CMC 15036 is a thermally conductive pressure sensitive transfer adhesive tape with an electrically insulating copolymer backing film. The adhesive on either side minimizes thermal contact resistance at low pressure while compensating surface roughness and tolerances. CMC 15036 qualifies for easy, effective, and inexpensive thermal connection in a vast field of applications and especially where room and weight are limiting factors.	
Material	thermally conductive adhesive tape with copolymer backing film
Colour	white
Total thickness in mm	0.190
Peel force in N/cm (aluminium)	6
Shear force in MPa (room temperature)	9
Tensile strength in MPa	ca. 6.5
Elongation at break in %	ca. 100
Thermal properties	
Resistance in °C · inch ² /W (ASTM D 5470)	0.78
Thermal conductivity in W/m·K	0.4
Service temperature performance in °C	from -40 up to +150
Flammability according to UL 94	V0
Electrical properties	
Breakdown voltage in kV AC	9.5
Dielectric strength in kV/mm	53
Volume resistivity in Ohm · cm	2.5 · 10 ¹³
Other properties	RoHS compliant ✓ REACH compliant ✓
- high mechanical stability and easy handling through copolymer film - silicone free	

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

06/19

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.

Note on REACH: Some of our products do contain substances from the so-called candidate list. Please visit <https://en.cmc.de/page/reach> and check whether or not a purchased product is listed in our REACH statement and therefore does contain one or more SVHCs.