



Technical data sheet

CMC TYPE	73250
Product description Kapton® MT self-adhesive on one side with a strong, temperature-resistant adhesive. The product offers a good thermal conductivity by means of ceramic fillers in foil and adhesive coating while still maintaining excellent electrical and mechanical properties.	
Backing material	Kapton® MT, thermally conductive
Thermal conductivity in W/(m·K)	0.46
Substrate thickness in mm	ca. 0.025
Total thickness in mm	ca. 0.045
Adhesive properties	
Type of adhesive	acrylic incl. filler, thermally conductive
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 1 (typical 2)
Thermal properties	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V_{eff}	≥ 5'000
Mechanical properties	
Tensile strength in N/cm	≥ 20
Elongation at break in %	≥ 35
Other properties	 
* registered trademark of DuPont de Nemours	

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

01/23

Quality guarantee: 12 months

Technical data represents average values subject to change without notice. It is not intended to replace users' 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.