



## preliminary technical data sheet

<b>CMC TYPE</b>	<b>73250</b>
<b>Product description</b> 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.	
<b>Backing material</b>	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
<b>Adhesive properties</b>	
Type of adhesive	acrylic incl. filler, thermally conductive
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
<b>Thermal properties</b>	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	F
<b>Electrical properties</b>	
Breakdown voltage based on IEC 60243-1 in V <sub>eff.</sub>	≥ 5'400
<b>Mechanical properties</b>	
Tensile strength in N/cm	≥ 20
Elongation at break in %	≥ 35
<b>Other properties</b>	 
* registered trademark of DuPont de Nemours	

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

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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.