





## TECHNICAL DATA SHEET

CMC TYPE	CMC 70322
<b>Product description</b>	CMC 70322 is a self adhesive laminate based on two layers of Kapton® CRC film combining high dielectric strength, outstanding resistance against corona / partial discharge und good thermal conductivity.
<b>Backing material</b>	Kapton® CRC
Colour	brownish
Thermal conductivity in W/(m·K) value by DuPont for the substrate only	0.35
Substrate thickness in mm	2x 0.025 ± 17%
Total thickness in mm	0.110 ± 10%
<b>Adhesive properties</b>	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2.5
<b>Thermal properties</b>	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	H
<b>Electrical properties</b>	
Breakdown voltage based on IEC 60243-1 in $V_{eff}$ .	≥ 9'000
<b>Mechanical properties</b>	
Tensile strength in N/cm	≥ 60
Elongation at break in %	≥ 30
<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.