



TECHNICAL DATA SHEET

CMC TYPE	CMC 70320
Product description	CMC 70320 is a self adhesive Kapton® film with high dielectric strength and outstanding resistance against corona / partial discharge.
Backing material	Kapton® CRC
Colour	light brown
Thermal conductivity in W/(m·K) value by DuPont for the substrate only	0.35
Substrate thickness in mm	0.025 ± 17%
Total thickness in mm	0.055 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 6'000
Mechanical properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 30
Other properties	RoHS compliant ✓ REACH compliant ✓
® registered trademark of DuPont de Nemours	

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.