



TECHNICAL DATA SHEET

CMC TYPE	70300
Product description	Kapton [®] based tape with good heat conductivity, even less noticeable due to lower film thickness but still good electric strength. Clearly improved corona resistance in high voltage applications.
Backing material	Kapton [®] CR
Colour	brown
Thermal conductivity in W/(m·K)	0.385
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
Flammability according to IEC 60454-2	flame retardant
Insulation class according to IEC 60454-2	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	
This tape as to its composition complies with the requirements of regulation 2011/65/EU (RoHS).	
® Registered trademark of DuPont de Nemours	

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

03/17

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.