



TECHNICAL DATA SHEET

CMC TYPE	70100	 E93622 (M)
Product description	Superior insulating tape for highest requirements, high dielectric strength and good mechanical properties even at elevated temperatures.	
Backing material	Kapton® HN (polyimide)	
Colour	brown	
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 in °C	-40 up to +180	
Flammability according to UL 510A	flame retardant	
Insulation class according to IEC 60085	H	
Insulation class of Kapton® HN substrate according to UL746A	240°C	
Electrical properties		
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 6'000	
Mechanical properties		
Tensile strength in N/cm	≥ 40	
Elongation at break in %	≥ 40	
Other properties	 	
* registered trademark of DuPont de Nemours * not tested according to UL510		

Storage conditions: cool and dry (15 - 25°C, < 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.