



TECHNICAL DATA SHEET

CMC TYPE	70849
Product description Very tough and electrically resistant Kapton [®] film with highly temperature resistant adhesive. Very good performance even under overload conditions.	
Supporting base	Kapton [®] HN (polyimide)
Colour	brown
Substrate thickness in mm	0.125 ± 10%
Total thickness in mm	0.160 ± 10%
Adhesive properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	3
Thermal properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	350
Insulation class according to IEC 60454-2	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V_{eff} .	≥ 12'000
Mechanical properties	
Tensile strength in N/cm	≥ 250
Elongation at break in %	≥ 60
Other properties	 
Liner	siliconized PET, 50 µm
Information concerning regulation (EC) No 1907/2006 (REACH): This product contains one or more substances of very high concern (SVHCs) from the candidate list in amounts greater than 0.1% (w/w). A detailed statement can be found here: https://en.cmc.de/page/reach The product is still REACH compliant i.e. its placing on the market is not restricted.	
® Registered trade mark of DuPont de Nemours	

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

03/18

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.