



TECHNICAL DATA SHEET

CMC TYPE	CMC 65123  E93622 (M)
Examples of application	CMC 65123 is a self adhesive, highly temperature and chemically resistant synthetic paper with excellent dielectric resistance for building transformers, motors, phase insulations etc. Total thickness ca. 0.235 mm
Backing material	Nomex® 410 (aramid paper)
Colour	chamois
Substrate thickness in mm	ca. 0.180
Typical area weight in g/m²	ca. 174
Total area weight in g/m²	230 ± 20
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 UL 510A	flame retardant
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff} .	≥ 5'000
Mechanical properties	
Tensile strength in N/cm	≥ 170
Elongation at break in %	≥ 8
Other properties	 
®Registered trademark of DuPont de Nemours	

Recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

05/23

Quality guarantee: 12 months

Technical data represents average values subject to change without notice. It is not intended to replace users' 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.