

Technical data sheet

CMC TYPE	CMC 19714
Product description	
Extremely robust laminate made from Nomex [®] 410, a 50µm polyester film and fiberglass. Very good dielectric strength due to the polyester film. Use: e.g. for traction engine construction.	
Supporting base	laminate Nomex [®] 80 µm / PET 50 µm / glass cloth
Colour	chamois
Substrate thickness in mm	ca. 0.280
Total thickness in mm	ca. 0.370
Substrate area weight in g/m ²	290 ± 10%
Total area weight in g/m ²	400 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/25mm according to internal method PV 1006-32 (180° peel from steel)	> 10
Thermal properties	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	180
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 9,000
Mechanical properties	
Tensile strength in N/10 mm	≥ 250
Elongation at break in %	≥ 3
Other properties	

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

01/19

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.