



TECHNICAL DATA SHEET

CMC TYPE	CMC 10818
Backing Material	polyester (PET)
Colour	colourless, yellow
Substrate thickness in mm	0.350 ± 10%
Total thickness in mm	0.380 ± 10%
Adhesive Properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	0.5 - 2 The stiffness of the thick polyester substrate highly influences the angle to the steel plate during the measurement which leads to lower peel values. The same adhesive layer on a thin polyester film will result in a significantly higher adhesive strength.
Thermal Properties	
Temperature performance (max.) in °C	130
Short term temperature performance in °C (ca. 1 hour)	175
Insulation class according to IEC 60085	B
Electrical Properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	> 10'000
Mechanical Properties	
Tensile strength in N/cm	ca. 500
Elongation at break in %	≥ 80
Other Properties	RoHS compliant ✓ REACH compliant ✓

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.