

TECHNICAL DATA SHEET

CMC TYPE	CMC 10160  E93622 (M)
Product description	CMC 10160 is a yellow polyester tape with an acrylic adhesive providing a good balance of adhesion and cohesion as well as good resistance to temperature, ageing, and impregnating varnishes. The tape is widely used for common insulating tasks such as coil windings.
Backing material	polyester (PET)
Thickness without adhesive in mm	0.023 ± 10%
Total thickness in mm	0.055 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Colour	yellow
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
Thermal properties	
Temperature performance 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}	≥ 5'000
Mechanical properties	
Tensile strength in N/cm	≥ 25
Elongation at break in %	≥ 40
Other properties	RoHS compliant ✓ REACH compliant ✓

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

10/21

Quality guarantee: 12 months

The 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.