




TECHNICAL DATA SHEET

CMC TYPE	10966	 E93622 (M)
Product description		
CMC 10966 is a polyester tape with a soft, smooth adhesive, mainly for intermediate layers and final insulation of transformers and coils. Very good adhesive properties on numerous surfaces, also on thin wires. Good compatibility with many impregnating and waterproofing agents.		
Backing Material	polyester (PET)	
Colour	colourless, yellow, brown, blue	
Substrate thickness in mm	0.023 ± 10%	
Total thickness in mm	0.060 ± 10%	
Adhesive Properties		
Type of adhesive	acrylic	
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	typical: 4	
Thermal Properties		
Temperature performance (max.) in °C	130	
Short term temperature performance in °C (ca. 1 hour)	175	
Flammability according IEC 60454-2	flame retardant	
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 typical: 40	
Elongation at break in %	≥ 25 typical: 80	
Other Properties	 	

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

08/22

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.