



preliminary technical data sheet

CMC TYPE	MP 6125-001A
Product description MP 6125-001A is a self-adhesive insulating tape with outstanding electrical properties and highest temperature performance in the group of polyester films. The adhesive used is a very temperature-resistant acrylic adhesive with moderate tack and good adhesion to preferably smooth surfaces.	
Backing material	PEN film (polyethylene naphthalate)
Colour	colourless
Substrate thickness in mm	0.025
Total thickness in mm	0.050 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Colour of adhesive	yellow (amber)
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff} .	≥ 5'000
Mechanical properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 50
Other properties	 

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.