

preliminary technical data sheet

CMC TYPE	MP 7023-007A
Product description	MP 7023-007A is a high temperature insulating tape based on polyimide film with high dielectric strength and good mechanical properties.
Backing material	polyimide film GF by PI Advanced Materials
Colour	brown / amber
Substrate thickness in mm	ca. 0.025
Total thickness in mm	0.055 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance in °C	-40 up to +180
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 6'000
Mechanical properties	
Tensile strength in N/cm mean value out of 5 measurements	≥ 40
Elongation at break in % mean value out of 5 measurements	≥ 25
Other properties	RoHS compliant ✓ REACH compliant ✓

Recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

01/26

Quality guarantee: 12 months

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://www.cmc.de/en/reach> and check whether or not a purchased product is listed in our REACH statement and therefore does contain one or more SVHCs.