



PRELIMINARY TECHNICAL DATA SHEET

CMC TYPE	MP 7025-001A
Product description MP 7025-001A is an Apical film with good thermal conductivity and excellent insulation properties, even at high temperatures. One side of the film is self-adhesive for easy and clean pre-assembly, while the other side has a thin phase change layer for optimal thermal connection.	
Backing material	Apical® polyimide film 110 CR
Colour	light brown
Substrate thickness in mm	ca. 0.028
Total thickness in mm	ca. 0.063
Adhesive Properties	
Type of adhesive	acrylic incl. fillers, thermally conductive
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	ca. 1-5
Phase Change Properties	
Type of phase change	phase change incl. fillers, thermally conductive
Electrical Properties	
Breakdown voltage based on IEC 60243-1 in V_{eff} .	$\geq 5'000$
Mechanical Properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 30
Other Properties	
® Registered trademark of Kaneka North America LLC	

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

08/25

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://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.