



TECHNICAL DATA SHEET

CMC TYPE	CMC 70330
Product description	CMC 70330 is a self adhesive high temperature insulating tape with improved corona resistance in high voltage applications. Fillers in the film also provide higher thermal conductivity while maintaining good dielectric strength.
Backing material	Apical® polyimide film 110 CR
Colour	light brown
Substrate thickness in mm	ca. 0.028
Total thickness in mm	0.058 ± 15%
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 (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	H
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 %	≥ 30
Other Properties	RoHS compliant ✓ REACH compliant ✓
® Registered trademark of Kaneka North America LLC	

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

09/22

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.