



preliminary technical data sheet

CMC TYPE	73550
Product description	CMC 73550 is an electrical insulation tape based on Kapton® MT and a heat resistant acrylic adhesive. Ceramic fillers in both film and adhesive layer provide good thermal conductivity while maintaining a high electrical and mechanical performance.
Backing material	Kapton® MT (thermally conductive polyimide)
Thermal conductivity of the Kapton film in W/(m·K)	0.46
Substrate thickness in mm	0.050 ± 15%
Total thickness in mm	ca. 0.070
Adhesive properties	
Type of adhesive	thermally conductive acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	ca. 1
Thermal properties	
Temperature performance (max.) in °C	155
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 7'000
Mechanical properties	
Tensile strength in N/cm	≥ 50
Elongation at break in %	≥ 50
Other properties	RoHS compliant ✓ REACH compliant ✓
® Registered trademark of DuPont de Nemours	

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

10/23

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.