



TECHNICAL DATA SHEET

CMC TYPE	CMC 70895
Product description CMC 70895 is a self adhesive Kapton® film with good thermal conductivity and very good insulating properties even at high temperatures. The adhesive layer provides clean and easy preassembly as well as an improved thermal contact compared to the blank film surface.	
Substrate	polyimide film (Kapton® MT)
Colour	brown
Thermal conductivity of the film in W/(m·K)	ca. 0.46
Substrate thickness in mm	0.050 ± 15%
Total thickness in mm	0.100 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2.5
Thermal properties	
Temperature performance (max.) in °C	155
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 %	≥ 20
Other properties	 
Liner	siliconized paper
® Registered trade mark of DuPont de Nemours	

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

11/21

Quality guarantee: 12 months

The 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.