

PRELIMINARY TECHNICAL DATA SHEET

CMC Type	70150
Backing material	Kapton® MT (polyimide)
Colour	brown
Substrate thickness in mm	0.050 ± 15%
Total thickness in mm	0.075 ± 16%
Adhesive properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Thermal conductivity in W/(m·K) according to ASTM D5470 (backing material only)	ca. 0.46 (*)
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	350
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	≥ 40
Elongation at break in %	≥ 40
Other properties	
Liner	siliconized PET
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(*) This value has been transferred from the original DuPont data sheet. It represents characteristics of the backing material without adhesive coating.	

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

04/17

Quality guarantee: 12 months

The technical data are average values and subject to change without notice. They are not intended to replace user's testing.