

## TECHNICAL DATA SHEET

<b>CMC TYPE</b>	<b>70302</b>
<b>Product description</b>	A laminate of two layers of Kapton® CR film combine excellent dielectric strength with outstanding corona resistance and good thermal conductivity. The adhesive is designed for high temperature applications.
<b>Supporting base</b>	Kapton® CR
Colour	light brown
Thermal conductivity in W/(m·K) (one layer of Kapton® CR film 25 µm)	0.385
Substrate thicknesses without adhesive in mm	2x 0.025 ± 10%
Total thickness in mm	0.110 ± 10%
<b>Adhesive properties</b>	
Type of adhesive (between the Kapton films as well as the layer ready for application)	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2.5
<b>Thermal properties</b>	
Temperature performance in °C	180
Short term temperature performance in °C	200
Flammability according to IEC 60454-2	flame retardant
Isolation class according to IEC 60454-2	H
<b>Electrical properties</b>	
Breakdown voltage based on IEC 60243-1 in V <sub>eff.</sub>	≥ 7'000
<b>Mechanical properties</b>	
Tensile strength in N/cm	≥ 60
Elongation at break in %	≥ 30
<b>Other properties</b>	
This tape as to its composition complies with the requirements of regulation 2011/65/EU (RoHS).	
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Storage conditions: cool and dry (15 - 25°C, &lt; 65% rel. humidity)

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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.