

## TECHNICAL DATA SHEET

<b>CMC TYPE</b>	<b>65842</b>
<b>Examples of application</b>	High temperature resistant and chemically resistant synthetic paper with excellent dielectric resistance for building transformers and motors, phase insulation etc. Very good adhesiveness. Total thickness ca. 0.115 mm
<b>Backing material</b>	Nomex® 410 (aramid paper)
Colour	natural
Substrate thickness in mm	0.050 nominal / 0.060 typical
Typical area weight in g/m <sup>2</sup>	ca. 41
Total area weight in g/m <sup>2</sup>	105 ± 10
<b>Adhesive properties</b>	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 4
<b>Thermal properties</b>	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	200
Flammability according to IEC 60454-2	flame retardant
Insulation class according to IEC 60085	F
<b>Electrical properties</b>	
Breakdown voltage based on IEC 60243-1 in V <sub>eff.</sub>	≥ 800
<b>Mechanical properties</b>	
Tensile strength in N/cm	≥ 40
Elongation at break in %	≥ 10
<b>Other properties</b>	
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Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

07/14

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.