



TECHNICAL DATA SHEET

CMC TYPE	48180
Product description / structure of the laminate	
Self-adhesive polyamide non-woven (CMC 80782) with a more narrow self-adhesive polyester cover (CMC 10735), qualified for use in powder coatings	
Substrate (non-woven)	polyamide non-woven, copper plated / tin plated (CMC 80782)
Colour	grey with embossing
Area weight of the non-woven in g/m ²	100 ± 20%
Total area weight in g/m ²	140 ± 20%
Adhesive properties	
Type of adhesive	acrylic, electrically conductive
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
Thermal properties	
Operating temperature PA non-woven fabric	up to 90°C
Electrical properties	
Surface resistivity of the non-woven	< 0.05 Ω/□
Ohmic resistance (testing area two times 1 cm ² according to internal method PV 1006-14)	< 1 Ω
Substrate (cover)	polyester (CMC 10735)
Colour	blue
Film thickness in mm	0.050 ± 10%
Total thickness in mm	0.070 ± 10%
Adhesive properties	
Type of adhesive	polysiloxane, modified
Thermal properties	
Operating temperature of CMC 10735	up to 130°C
Thermal properties	
Operating temperature of the whole laminate	up to 90°C
Other properties	 

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

09/17

Quality guarantee: 6 months

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