




TECHNICAL DATA SHEET

CMC TYPE	65838	 E93622
Product description	flexible laminate made from Nomex® paper and PET film, high dielectric strength, treatable with impregnating varnishes, used as insulation in electric motors and generator construction	
Backing material	Nomex® (polyaramide) / polyester (PET)	
Colour	chamois	
Substrate thickness in mm	ca. 0.090	
Total thickness in mm	0.135 ± 10%	
Adhesive properties		
Type of adhesive	rubber	
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 4	
Thermal properties		
Temperature performance (max.) in °C	155	
Short term temperature performance in °C (ca. 1 hour)	200	
Insulation class according to IEC 60085	F	
Electrical properties		
Breakdown voltage based on IEC 60243-1 in V_{eff} .	≥ 5'500	
Mechanical properties		
Tensile strength in N/cm	≥ 60	
Elongation at break in %	≥ 10	
Other properties	 	
* Registered trade mark of DuPont de Nemours		

Storage conditions: cool and dry (15 - 25°C, < 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.

 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.