

preliminary technical data sheet

CMC TYPE	72109
Substrate	Aptiv™ 1000 (PEEK)
Substrate thickness in mm	0.018 ± 10%
Total thickness in mm	0.058 ± 10%
Adhesive Properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
Thermal Properties	
Temperature performance (max.) in °C	200
Short term temperature performance in °C (ca. 1 hour)	280
Flammability according to IEC 60454-2	flame retardant
Insulation class according to IEC 60454-2	H
Electrical Properties	
Breakdown voltage based on IEC 60243-1 in V_{eff} .	≥ 3'800
Mechanical Properties	
Tensile strength in N/cm	ca. 25
Elongation at break in %	ca. 100
Other Properties	
™ Trademark for polyetheretherketone films by Victrex plc	
UL file number of Aptiv™ 1000 PEEK film	E161131
RTI electrical for the substrate according to UL	240
RTI mechanical (Imp) for the substrate according to UL	130
RTI mechanical (Str) for the substrate according to UL	210

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

05/15

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.