

Technical Data Sheet



PF CC 42 HGW 2088

Carrier: cotton fine fabric / matrix: Phenol formal dyhyde resin

General properties	Unit	Norm	Guideline value
Bulk density	g / cm ³	(1,2 - 1,4)	1,4
Water absorption at 3mm thickness	mg	8,0	-
Mechanical properties			
Flexural strength	MPa	90	90
Tensile strength	MPa	-	50
Compressive strength parallel to the layer ϵ	MPa	80	80
Modulus of elasticity bending test	MPa	-	7000
Thermal properties			
Limit temperature	°C	(120)	120
Electrical properties			
Insulation resistance	M Ω	0,5	-
Dielectric strength (1 minute test stress) at 90 °C in oil parallel to the coating direction	kV	1	5
Dielectric strength (1 minute test stress) at 90 °C in oil perpendicular to the coating direction	kV/MM	-	5
Tracking resistance	CTI	-	100

"The values in () are characteristic values given for information only; they shall not be regarded as a requirement of this standard. The test values given are mean values which have been verified by ongoing statistical tests and inspections. This data is purely information on properties and only leads to an express explicit agreement to a warranty in the purchase contract. The European Union Directive 2011/65/EU on the Restriction and Use of Certain Hazardous in electrical and electronic equipment (RoHS) came into force on January 27, 2011. These are the following substances: Lead, Cadmium, Hexavalentes Chromium, Polybrominated Biphenyls, Polybrominated Diphenyl Ethers, Mercury. We hereby declare that all our products are produced RoHS compliant. We act as a downstream user (producer of articles) according to the EU regulation 1907/2006 (REACH regulation) of December 18, 2006. According to information from our suppliers the materials we use do not contain any substances from the candidate list (SVHC list) of 15.06.2015 in a concentration of more than 0.1 mass%."