

Laminates

CANEVASIT PF CC 201

- High Pressure Laminate for high mechanical stresses
- Standard type

General description

Canevasit PF CC 201 is a cotton laminate bonded with phenolic resin.

Specifications

IEC/DIN EN 60893 PF CC 201
DIN 7735 HGW 2082 (*)
BS 2572 F3
NF C 150-C
NEMA C
VSM S-PF CC 1
(*) no longer valid since March 2003

RoHS Directive

Hazardous products listed in the EU-directive 2011/65/EU(RoHS-directive), §4 section 1, are not used as ingredients in this material.

Colour

Brown

Application

Guide and stop ledges
Slide bars
Ground plates
Bearings
Slides for compressors / vacuum pumps
Cogwheels module 1-2

Former denominations

HGW F-HW
Canevasite 62.140
Canevasit 410.10

Form of delivery

Sheet formats 2440 x 1220 and 2050 x 1050 mm
Tolerance of formats +/- 20 mm
Thickness in range of 0,5 to 100 mm
Thickness tolerances acc. to DIN EN 60893-3-4

Material also available as cut to size panels and machined parts.
Other dimensions and thicknesses on request.

Processing

Machining with carbide or diamond tools.

		Value	Test norm
Mechanical properties			
Flexural strength	MPa	120	ISO 178
Modulus of elasticity	MPa	6000	ISO 178
Edgewise notched impact strength Charpy	kJ/m ²	10	ISO 179
Electrical properties			
Breakdown voltage //, 90°C in oil	kV	5	IEC 60243-1
Flatwise electric strength, 90°C in oil	kV/mm	0.5	IEC 60243-1
Insulation resistance after the immersion in water	Ω	2.00E+6	IEC 60167
Thermal properties			
Thermal conductivity	W/m.K	0.2	DIN 52612
Coefficient of linear expansion //	1.0E-6 / K	18	VDE 0304
Temperature index (TI)	°C	120	IEC 60216
Physical properties			
Density	g/cm ³	1.35	ISO 1183
Water absorption (24h 23°C)	mg / %	200 / 1.0	ISO 62

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