

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(*) no longer valid since March 2003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
Modulus of elasticity	MPa	6000
Edgewise notched impact strength Charpy	kJ/m ²	10
Electrical properties		
Breakdown voltage //, 90°C in oil	kV	5
Flatwise electric strength, 90°C in oil	kV/mm	0.5
Insulation resistance after the immersion in water	Ω	2.00E+6
Thermal properties		
Thermal conductivity	W/m.K	0.2
Coefficient of linear expansion //	1.0E-6 / K	18
Temperature index (TI)	°C	120
Physical properties		
Density	g/cm ³	1.35
Water absorption (24h 23°C)	mg / %	200 / 1.0

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