

ELABORATION	CONTROL	APPROVAL	CHRONO	DATE
F00212	C. ANGIBAULT	M. CABARDIS	26-084	01/01/2019

TECHNICAL MATERIAL DATA SHEET

Material n°	: FV001	Colour	: Rouge / red
Base	: Fibre vulcanisée / vulcanized fiber		
Hardness	: 62 HRR		

AA Physicochemical property	Unit	Required	Results
Density	g/cm ³		1.20-1.35
Water absorption, 6 hours	%		≤ 45
pH			5.5-7
Moisture content	%		≤ 10

AB Mechanical property	Unit	Required	Results
Tensile strength (MD)	kg/mm ²		≥ 8
Tensile strength (CD)	kg/mm ²		≥ 4.5
Elongation before break (MD)	%		≥ 6
Allongement à la rupture (CD)	%		≥ 10
Compression strength	kg/mm ²		≥ 20
Ash content	%		≤ 5

AC Thermal property	Unit	Required	Results
Thermal class	C		105

AD Electrical property	Unit	Required	Results
Electrical strength in air	kV/mm		> 7.5

Z Compliant material	Unit	Required	Results
DIN 7737			OK

Z1 Dimensions	Unit	Required	Results
Thickness	mm		0.5-3.0

*The values are based on material slabs & buttons and are given as an indication.
We advise you to do your own tests validation.*