

Technical specification

Vulcanized Fibre

Description Good abrasion resistance. Good resistance to cold water, oil, fat, kerosene and alcohol. Also suitable as insulating materials in electrical industry.

Properties	Unit	Value	Test method
Density	g/cm ³	1.2	
Maximal temperature use	°C	120	
Compressibility	%	10	
Recovery	%	50	
Specific Volume	ln ³ /lb	23.0	
Tensile Strength	psi	18,000	
Modulus of Elasticity in Tension	psi x 10 ⁵	12.0	D-790
Flexural Strength	psi	15,000	D-790
Compressive Strength	psi	35,000	D-695
Impact Strength, Izod Edgewise	Ft-lbs/in notch	2.5	D-256
Hardness, Rockwell R Scale	Divisions	70	D-785
Bond Strength	psi	900	D-952
Bursting Strength, Mullen	psi	325	D-202
Tear Strength, Elmendorf	Grams	550	D-689
Dielectric Strength, Short time	Volts/mil	215	D-149
Arc Resistance	Seconds	125	D-495
Thermal Conductivity, 149°	Btu/hr/ft ² / °F/ft	0,168	C-177
Specific Heat	Btu/hr/ft ² / °F/ft	0,403	C-351
Heat resistance, continuous	°F	230-240	
Thermal expansion x 10 ⁻⁵	In/in °F	1.1	D-696
Dimensional Thick. Chg per %	%	100	
Water absorption, 24 hours	%	63.0	D-570
Flammability	In/mm	0.5	ASTM D-635
UL Rating – UL 94		HB	

This specification is given by our best knowledge and might be submitted to changes.