

	Method	Unit	PTFE	PVDF
Colour	-	-	White	White
Specific Gravity	ISO-1183-1	g/cm3	2,15	1,78
Water absorption	ISO 62 24/96 hr *	%	< 0,01	< 0,01
	Saturation in air 23°C 50% RH	%	-	-
	Saturation in water 23°C	%	-	-
Coefficient of thermal expansion	ISO 11357 **	m(m.K)	150*10 ⁻⁶	140*10 ⁻⁶
Thermal conductivity @ 23°C	-	W(K.m)	0,2	0,2
Max Service temperature 5000 h	-	°C	260	150
Min. Service temperature	-	°C	-200	-20
Tensile strength	ISO 527	Mpa	22	55
Tensile strain at yield	ISO 527	%	-	-
Tensile module of elasticity	ISO 527	MPa	750	2100
Charpy impact test notched	ISO 179-1	kJ/m2	NB	12
Shore hardness	ISO 2039-2	-	55D	80D
Electric Strength	IEC 60243-1	kV/mm	80	21
Volume resistivity	IEC 60093	Ohm.cm	10exp17	10exp14

* immersion in water of 23°C

** average value between 23 and 60 °C

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