

	Method	Unit	PETP	PETP TX
Colour	-	-	White	Grey
Specific Gravity	ISO-1183-1	g/cm ³	1,39	1,44
Water absorption	ISO 62 24/96 hr *	%	0,07 / 0,16	0,06 / 1,13
	Saturation in air 23°C 50% RH	%	0,25	0,23
	Saturation in water 23°C	%	0,5	0,47
Coefficient of thermal expansion	ISO 11357 **	m(m.K)	60*10 ⁻⁶	65*10 ⁻⁶
Thermal conductivity @ 23°C	-	W(K.m)	0,29	0,29
Max Service temperature 5000 h	-	°C	115	115
Min. Service temperature	-	°C	-20	-20
Tensile strength	ISO 527	Mpa	90	76
Tensile strain at yield	ISO 527	%	4	5
Tensile module of elasticity	ISO 527	MPa	3500	3300
Charpy impact test notched	ISO 179-1	kJ/m ²	2	2,5
Rockwell hardness	ISO 2039-2	-	M96	M94
Electric Strength	IEC 60243-1	kV/mm	22	21
Volume resistivity	IEC 60093	Ohm.cm	10exp14	10exp14

* immersion in water of 23°C

** average value between 23 and 60 °C

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