

	Method	Unit	POM-C
Colour	-	-	Natural, Black, Color
Specific Gravity	ISO-1183-1	g/cm3	1,41
Water absorption	ISO 62 24/96 hr *	%	0,24 / 0,45
	Saturation in air 23°C 50% RH	%	0,2
	Saturation in water 23°C	%	0,8
Coefficient of thermal expansion	ISO 11357 **	m(m.K)	110*10-6
Thermal conductivity @ 23°C	-	W(K.m)	0,31
Max Service temperature 5000 h	-	°C	115
Min. Service temperature	-	°C	-50
Tensile strength	ISO 527	Mpa	66
Tensile strain at yield	ISO 527	%	20
Tensile module of elasticity	ISO 527	MPa	2800
Charpy impact test notched	ISO 179-1	kJ/m2	8
Rockwell hardness	ISO 2039-2	-	M84
Electric Strength	IEC 60243-1	kV/mm	20
Volume resistivity	IEC 60093	Ohm.cm	10exp14

* immersion in water of 23°C

** average value between 23 and 60 °C

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