

	Method	Unit	POM-C
<b>Colour</b>	-	-	Natural, Black, Color
<b>Specific Gravity</b>	ISO-1183-1	g/cm <sup>3</sup>	1,41
<b>Water absorption</b>	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
<b>Coefficient of thermal expansion</b>	ISO 11357 **	m(m.K)	110*10 <sup>-6</sup>
<b>Thermal conductivity @ 23°C</b>	-	W(K.m)	0,31
<b>Max Service temperature 5000 h</b>	-	°C	115
<b>Min. Service temperature</b>	-	°C	-50
<b>Tensile strength</b>	ISO 527	Mpa	66
<b>Tensile strain at yield</b>	ISO 527	%	20
<b>Tensile module of elasticity</b>	ISO 527	MPa	2800
<b>Charpy impact test notched</b>	ISO 179-1	kJ/m <sup>2</sup>	8
<b>Rockwell hardness</b>	ISO 2039-2	-	M84
<b>Electric Strength</b>	IEC 60243-1	kV/mm	20
<b>Volume resistivity</b>	IEC 60093	Ohm.cm	10exp14

\* immersion in water of 23°C

\*\* average value between 23 and 60 °C

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