

**datasheet**  
**PS conductive 10 hoch 2 - 4**

Properties	test conditions	Unit	Test Methode	Value
Density		g / cm <sup>3</sup>		1,1
Melt flow rate	200 °C / 5 kg			0,2
tensile strength at break		MPa	ASTM D-638	22
tensile stress at yield	10 N	MPa	ASTM D-638	20
elongation at break	200 °C / 5 kg	%	ASTM D-638	80
elongation at yield stress	200 °C / 10 kg	%	ASTM D-638	4
flexural modulus	200 °C / 21,6 kg	MPa	ASTM D-790	1800
impact strength	23 °C	kJ/m <sup>2</sup>	ASTMD-256	no break
	minus 20 °C			27
notched impact strength	23 °C	kJ/m <sup>3</sup>	ASTM D-256	10
	minus 20 °C			7
vicat - softening point		°C	ASTM D-1525	97
volume resistivity		Ω cm	ASTM D-257	< 10 hoch 2 - 4
surface resistivity		Ω	ASTM D-257	<10 hoch 2 - 4
mould shrinkage		%	ASTM D-955	0,4 - 0,6

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