

### Technical Data Sheet

## Maywotron® PS P

#### Typical characteristics

- Protection of electronic devices from electrostatic phenomena
- Antistatique

#### Typical industries

- Technique d'emboutissage
- Industrie électronique

	Test method	Unit	Guideline value
<b>General properties</b>			
Densité	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,06
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	18
Elongation at break	DIN EN ISO 527	%	70
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1700
Notched impact strength	DIN EN ISO 180	kJ / m <sup>2</sup>	8
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	>170°C
Thermal conductivity	DIN 52612-1	W / (m * K)	0,17
Coefficient of linear thermal expansion	DIN 53752	10 <sup>-6</sup> / K	90
Service temperature, long term	Average	°C	80
Service temperature, short term (max.)	Average	°C	90
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	90
<b>Electrical properties</b>			
Surface resistivity	DIN EN 61340	Ω	10 <sup>9</sup> - 10 <sup>11</sup>
Volume resistivity	DIN EN 61340	Ω	10 <sup>9</sup> - 10 <sup>11</sup>

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#### Röchling Industrial Allgäu GmbH

Hinter den Gärten 20 • 87730 Bad Grönenbach/Germany (DE) • Tel. +49 8334 9857-0  
 info@roechling-maywo.de • www.roechling.com/industrial/groenenbach

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