

## Technical Data Sheet

# Maywotron<sup>®</sup> ASA P

ASA

### Typical characteristics

- Protection of electronic devices from electrostatic phenomena
- UV-resistant
- Weatherability
- Antistatic

### Typical industries

- Vacuum Forming
- Electronics

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,09
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	18
Elongation at break	DIN EN ISO 527	%	28
Tensile modulus of elasticity	DIN EN ISO 527	MPa	963
Notched impact strength	DIN EN ISO 180	kJ / m <sup>2</sup>	7
<b>Thermal properties</b>			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,17
Coefficient of linear thermal expansion	DIN 53752	10 <sup>-6</sup> / K	90
<b>Electrical properties</b>			
Surface resistivity	DIN EN 61340	Ω	10 <sup>8</sup> - 10 <sup>10</sup>
Volume resistivity	DIN EN 61340	Ω	10 <sup>8</sup> - 10 <sup>10</sup>

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