

Technical Data Sheet

Maywotron[®] 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
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,09
Mechanical properties			
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 ²	7
Thermal properties			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,17
Coefficient of linear thermal expansion	DIN 53752	10 ⁻⁶ / K	90
Electrical properties			
Surface resistivity	DIN EN 61340	Ω	10 ⁸ - 10 ¹⁰
Volume resistivity	DIN EN 61340	Ω	10 ⁸ - 10 ¹⁰

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