

Technical Data Sheet

Maywotron® PS/PE

PS

Typical characteristics

- Protección de dispositivos electrónicos contra fenómenos electrostáticos.
- Conductivo y disipativo

Typical industries

- Tecnología de embutición profunda
- Electrónica

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,06
Water absorption	DIN EN ISO 62	%	< 0,1
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	15
Elongation at break	DIN EN ISO 527	%	84
Tensile modulus of elasticity	DIN EN ISO 527	MPa	780
Notched impact strength	DIN EN ISO 179	kJ / m ²	18
Thermal properties			
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 ⁻⁶ / K	80
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	77
Electrical properties			
Surface resisitivity	DIN EN 61340	Ω	10 ⁴ - 10 ⁷
Volume resistivity	DIN EN 61340	Ω	10 ⁴ - 10 ⁷

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Print: 13/12/2025 • Release: 20/09/2023 • Version: 3.0
PIM-Version: 63 • PIM-ID: 709716 • PIM-Code: 63-19-12.10-4.8-12
Company-IDs: 20070

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