Röchling

Industrial

Technical Data Sheet

Maywotron® PS H

PS

Typical characteristics

- Protection of electronic devices from electrostatic phenomena
- Electrically conductive

Typical industries

- 真空成型
- 电子

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm^3	1,1
Water absorption	DIN EN ISO 62	%	< 0,1
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	18
Elongation at break	DIN EN ISO 527	%	29
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1604
Notched impact strength	DIN EN ISO 179	kJ / m^2	8
Shore hardness	DIN EN ISO 868	scale D	73
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	90
Service temperature, long term	Average	°C	80
Service temperature, short term (max.)	Average	°C	95
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	97
Electrical properties			
Surface resisitivity	DIN EN 61340	Ω	10^2 - 10^4
Volume resistivity	DIN EN 61340	Ω	10^2 - 10^4

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ri-inquiry@roechling.com • www.roechling.com/industrial/materials

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