

## Technical Data Sheet

# Maywotron<sup>®</sup> XT H

PS

### Typical characteristics

- Electrically conductive

### 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>	1,04
Water absorption	DIN EN ISO 62	%	<0,1
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	18
Elongation at yield stress	DIN EN ISO 527	%	1,1
Elongation at break	DIN EN ISO 527	%	47,9
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2021
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	7,1
<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
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	98
<b>Electrical properties</b>			
Surface resistivity	DIN EN 61340	Ω	10 <sup>2</sup> - 10 <sup>4</sup>
Volume resistivity	DIN EN 61340	Ω	10 <sup>2</sup> - 10 <sup>4</sup>

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

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