

Technical Data Sheet

MAYWOflamm[®] PS

PS

Typical characteristics

- Flame retardant

Typical industries

- Electronics
- Vacuum Forming

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,16
Flammability	UL 94		V0 (2mm)
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	19
Elongation at break	DIN EN ISO 527	%	44
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2033
Notched impact strength	DIN EN ISO 179	kJ / m ²	8
Thermal properties			
Melting temperature	ISO 11357-3	°C	> 150 °C
Thermal conductivity	DIN 52612-1	W / (m * K)	0,17
Coefficient of linear thermal expansion	DIN 53752	10 ⁻⁶ / K	90
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	87
Glow wire test	DIN EN 60695-2	°C	825 (0,5mm/ 0,8mm)
Electrical properties			
Surface resistivity	DIN EN 61340	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²

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

Print: 01/05/2026 • Release: 20/09/2023 • Version: 4.0

PIM-ID: 709696 • PIM-Code: 73-15-16-8,4-12

Company-IDs: 20070

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