

Technical Data Sheet

Maywoflamm[®] PS VDE

Product characteristics

- Vacuum formable
- Flame retardant

Product applications

- Electronic industry
- Housing
- Industrial applications

	Test method	Unit	Guideline Value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,13
Water absorption	DIN EN ISO 62	%	0,3
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	24
Elongation at break	DIN EN ISO 527	%	40
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2000
Notched impact strength	DIN EN ISO 179	kJ / m ²	6
Thermal properties			
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	75
Service temperature, short term (max.)	Average	°C	85
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	87
Glow wire test	DIN EN 60695-2	°C	750-960*
Electrical properties			
Surface resisitivity	DIN EN 61340	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²

* = specific material mixture

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