

### Technical Data Sheet

# MAYWOflamm<sup>®</sup> PS

PS

#### Typical characteristics

- Flame retardant

#### Typical industries

- 电子
- 真空成型

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,16
Flammability	UL 94		V0 (2mm)
<b>Mechanical properties</b>			
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 <sup>2</sup>	8
<b>Thermal properties</b>			
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 <sup>-6</sup> / 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)
<b>Electrical properties</b>			
Surface resistivity	DIN EN 61340	Ω	> 10 <sup>12</sup>
Volume resistivity	DIN EN 61340	Ω	> 10 <sup>12</sup>

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