

## テクニカルデータシート

Maywoflamm<sup>®</sup> plus

PC / ABS

## 製品の特徴

- EN 45545-2に準拠

## 製品の用途例

- 真空成形
- 鉄道車両

	試験法	単位	値
<b>一般的物性</b>			
密度	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,35
燃焼性	EN 45545		HL 2 R1, R6 (2-4mm)
<b>機械的物性</b>			
引張降伏応力	DIN EN ISO 527	MPa	51
引張破壊伸び	DIN EN ISO 527	%	4
引張弾性率	DIN EN ISO 527	MPa	4650
ノッチ付き衝撃耐性	DIN EN ISO 179	kJ / m <sup>2</sup>	4
<b>熱的物性</b>			
融点	ISO 11357-3	°C	> 220 °C
熱伝導率	DIN 52612-1	W / (m * K)	0,2
線膨張係数	DIN 53752	10 <sup>-6</sup> / K	65
使用温度 ( 長期 )	平均値	°C	90
使用温度 ( 短期、最大 )	平均値	°C	110
ピカットB軟化温度	DIN EN ISO 306, Vicat B	°C	100
<b>電気的物性</b>			
表面固有抵抗	DIN EN 61340	Ω	> 10 <sup>12</sup>
体積固有抵抗	DIN EN 61340	Ω	> 10 <sup>12</sup>

It is recommended to pre-dry Maywoflamm<sup>®</sup> plus before thermoforming at 80°C for 3 to 4 hours. The processing temperature of Maywoflamm<sup>®</sup> plus is between 165°C and 205°C. An expected post mold shrinkage will typically be in the range of 0,2-0,4%.

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Print: 02/05/2026 • Release: 27/09/2023 • Version: 3.0

PIM-ID: 709695 • PIM-Code: 134-18-16-4.11-4.12

Company-IDs: 20070

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