

## 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%.

The information and recommendations contained in this document are based upon data collected by Röchling Industrial Allgäu and believed to be correct. However, no warranty of fitness for use or any other guarantees or warranty of any kind, expressed or implied, is made to the information contained herein. Röchling Industrial Allgäu assumes no responsibility for the results of the use of products and processes described herein.

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

Print: 17/06/2026 • Release: 27/09/2023 • Version: 3.0  
PIM-ID: 709695 • PIM-Code: 134-18-16-4.11-4.12  
Company-IDs: 20070

Page 1 / 2 (Dates in DD/MM/YYYY)





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

Print: 17/06/2026 • Release: 27/09/2023 • Version: 3.0  
PIM-ID: 709695 • PIM-Code: 134-18-16-4.11-4.12  
Company-IDs: 20070

Page 2 / 2 (Dates in DD/MM/YYYY)

