

## テクニカルデータシート

Maywo<sup>®</sup> PS HI

## 製品の特徴

- 良好な衝撃強度

## 製品の用途例

- 真空成形

	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>	1,06
吸水率	DIN EN ISO 62	%	< 0,1
燃焼性 (厚み 1,5 mm)	UL 94		HB*
燃焼性 (厚み 1,0; 1,5 mm)	DIN 4102		B2**
<b>機械的物性</b>			
引張降伏応力	DIN EN ISO 527	MPa	20
引張破壊呼び歪	DIN EN ISO 527	%	72
引張弾性率	DIN EN ISO 527	MPa	1730
ノッチ付き衝撃耐性	DIN EN ISO 179	kJ / m <sup>2</sup>	8
<b>熱的物性</b>			
融点	ISO 11357-3	°C	>170°C
熱伝導率	DIN 52612-1	W / (m * K)	0,17
線膨張係数	DIN 53752	10 <sup>-6</sup> / K	90
使用温度 (長期)	平均値	°C	80
使用温度 (短期、最大)	平均値	°C	90
ピカットB軟化温度	DIN EN ISO 306, Vicat B	°C	90
<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>

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\* internal test

\*\* For classification according DIN 4102, the finished component has to be tested.



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