

テクニカルデータシート

Maywo[®] PS HI

PS

製品の特徴

- 良好な衝撃強度
- Recyclability

製品の用途例

- 真空成形

	試験法	単位	値
一般的物性			
密度	DIN EN ISO 1183-1	g / cm ³	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**
機械的物性			
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 ²	8
熱的物性			
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 ⁻⁶ / 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
ビカットB軟化温度	DIN EN ISO 306, Vicat B	°C	90
電気的物性			
表面固有抵抗	DIN EN 61340	Ω	> 10 ¹²
体積固有抵抗	DIN EN 61340	Ω	> 10 ¹²

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* internal test

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



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