

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

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, and Röchling Industrial Allgäu assumes no responsibility for the results of the use of products and processes described herein.

* internal test

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 01/05/2026 • Release: 28/04/2025 • Version: 4.0

PIM-ID: 709674 • PIM-Code: 72-23-162.3-4-9

Company-IDs: 20070

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



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



ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 01/05/2026 • Release: 28/04/2025 • Version: 4.0

PIM-ID: 709674 • PIM-Code: 72-23-162.3-4-9

Company-IDs: 20070

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

