

## テクニカルデータシート

Maywotron<sup>®</sup> PS M pure

PS

## 製品の特徴

- 静電気から電子機器を保護
- 静電気の散逸性

## 製品の用途例

- 真空成形
- エレクトロニクス

|              | 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>  | 1,08                              |
| 吸水率          | DIN EN ISO 62           | %                    | 0,1                               |
| <b>機械的物性</b> |                         |                      |                                   |
| 引張降伏応力       | DIN EN ISO 527          | MPa                  | 15,6                              |
| 降伏伸び         | DIN EN ISO 527          | %                    | 1,2                               |
| 引張破壊呼び歪      | DIN EN ISO 527          | %                    | 68,8                              |
| 引張弾性率        | DIN EN ISO 527          | MPa                  | 1541                              |
| ノッチ付き衝撃耐性    | DIN EN ISO 179          | kJ / m <sup>2</sup>  | 6,8                               |
| <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                   | 95                                |
| ピカットB軟化温度    | DIN EN ISO 306, Vicat B | °C                   | 98                                |
| <b>電氣的物性</b> |                         |                      |                                   |
| 表面固有抵抗       | DIN EN 61340            | Ω                    | 10 <sup>4</sup> - 10 <sup>6</sup> |
| 体積固有抵抗       | DIN EN 61340            | Ω                    | 10 <sup>4</sup> - 10 <sup>6</sup> |

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: 01/05/2026 • Release: 20/09/2023 • Version: 2.0

PIM-ID: 709712 • PIM-Code: 50-91-12.24-4.8-12

Company-IDs: 20070

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

