

## テクニカルデータシート

Maywotron<sup>®</sup> PS/PE

PS

## 製品の特徴

- 静電気から電子機器を保護
- 導電性および散逸性

## 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>  | 1,06                              |
| 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                                |
| 引張破壊伸び       | DIN EN ISO 527          | %                    | 84                                |
| 引張弾性率        | DIN EN ISO 527          | MPa                  | 780                               |
| ノッチ付き衝撃耐性    | DIN EN ISO 179          | kJ / m <sup>2</sup>  | 18                                |
| <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 | 80                                |
| ビカットB軟化温度    | DIN EN ISO 306, Vicat B | °C                   | 77                                |
| <b>電氣的物性</b> |                         |                      |                                   |
| 表面固有抵抗       | DIN EN 61340            | Ω                    | 10 <sup>4</sup> - 10 <sup>7</sup> |
| 体積固有抵抗       | DIN EN 61340            | Ω                    | 10 <sup>4</sup> - 10 <sup>7</sup> |

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

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