

## テクニカルデータシート

Maywo<sup>®</sup> PS HI FT

PS

## 製品の特徴

- 低温下でも高い衝撃強度

## 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*                |
| <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          | %                    | 60                 |
| 引張弾性率           | DIN EN ISO 527          | MPa                  | 1600               |
| ノッチ付き衝撃耐性       | DIN EN ISO 179          | kJ / m <sup>2</sup>  | 11                 |
| <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

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