

## テクニカルデータシート

## Polystone® PR (Homopolymer) grey

PP-H

## 製品の用途例

- 建築

|                           | 試験法                     | 単位                   | 値                 |
|---------------------------|-------------------------|----------------------|-------------------|
| 一般的物性                     |                         |                      |                   |
| 密度                        | DIN EN ISO 1183-1       | g / cm <sup>3</sup>  | >0,90             |
| 吸水率                       | DIN EN ISO 62           | %                    | <0,1              |
| 燃焼性 (厚み 3 mm / 6 mm)      | UL 94                   |                      | HB                |
| 機械的物性                     |                         |                      |                   |
| 引張降伏応力                    | DIN EN ISO 527          | MPa                  | >28               |
| 引張破壊呼び歪                   | DIN EN ISO 527          | %                    | >50               |
| 引張弾性率                     | DIN EN ISO 527          | MPa                  | >1300             |
| ノッチ付き衝撃耐性                 | DIN EN ISO 179          | kJ / m <sup>2</sup>  | >5                |
| ショア硬度                     | DIN EN ISO 868          | scale D              | >70               |
| 熱的物性                      |                         |                      |                   |
| 融点                        | ISO 11357-3             | °C                   | 162 ... 167       |
| 熱伝導率                      | DIN 52612-1             | W / (m * K)          | 0,20              |
| 熱容量                       | DIN 52612               | kJ / (kg * K)        | 1,70              |
| 線膨張係数                     | DIN 53752               | 10 <sup>-6</sup> / K | 120 ... 190       |
| 使用温度 ( 長期 )               | 平均値                     | °C                   | 0 ... 100         |
| 使用温度 ( 短期、最大 )            | 平均値                     | °C                   | 150               |
| ビカットB軟化温度                 | DIN EN ISO 306, Vicat B | °C                   | 90                |
| 電気的物性                     |                         |                      |                   |
| 誘電率                       | IEC 60250               |                      | 2,4               |
| 誘電正接 (10 <sup>6</sup> Hz) | IEC 60250               |                      | 0,00019           |
| 体積固有抵抗                    | DIN EN 62631-3-1        | Ω * cm               | >10 <sup>14</sup> |
| 表面固有抵抗                    | DIN EN 62631-3-2        | Ω                    | >10 <sup>14</sup> |
| 絶縁破壊電圧                    | IEC 60243               | kV / mm              | >40               |

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The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.



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