

## Technical Data Sheet

# Polystone® P flex

PP

### Typical characteristics

- Chemical resistant
- Good toughness
- Good wear resistance
- Weldable with Polystone® P
- High Elasticity

### Typical industries

- 化学处理行业
- 电镀设备
- 通风设备
- 化工储罐

|                               | Test method       | Unit                | Guideline value |
|-------------------------------|-------------------|---------------------|-----------------|
| <b>General properties</b>     |                   |                     |                 |
| Density                       | DIN EN ISO 1183-1 | g / cm <sup>3</sup> | 0,88            |
| Water absorption              | DIN EN ISO 62     | %                   | <0,05           |
| Melt Flow Rate (MFR 190/5)    | DIN EN ISO 1133   | g / 10 min          | 0,6             |
| <b>Mechanical properties</b>  |                   |                     |                 |
| Elongation at break           | DIN EN ISO 527    | %                   | >800            |
| Tensile modulus of elasticity | DIN EN ISO 527    | MPa                 | 200             |
| Shore hardness                | DIN EN ISO 868    | scale D             | 35              |
| <b>Thermal properties</b>     |                   |                     |                 |
| Melting temperature           | ISO 11357-3       | °C                  | 144             |

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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