

## Technical Data Sheet

## Durostone® PMP 376

GFK-UP

### Typical characteristics

- Polyester (UP) resin matrix reinforced by fiberglass
- Electrically insulating

|                                               | Test method   | Unit                | Guideline value  |
|-----------------------------------------------|---------------|---------------------|------------------|
| <b>General properties</b>                     |               |                     |                  |
| Standard Color                                |               |                     | RAL7035          |
| <b>Mechanical properties</b>                  |               |                     |                  |
| Flexural strength <sup>⊥</sup>                | ISO 178       | MPa                 | 350              |
| Modulus of elasticity in flexion <sup>⊥</sup> | ISO 178       | MPa                 | -                |
| Tensile strength II                           | ISO 527       | MPa                 | 250              |
| Impact strength II (Charpy)                   | ISO 179       | kJ / m <sup>2</sup> | 80               |
| <b>Physical properties</b>                    |               |                     |                  |
| Density                                       | ISO 1183      | g / cm <sup>3</sup> | 1.9              |
| Water absorption (4mm thickness)              | ISO 62        | %                   | 0.5              |
| <b>Dielectrical properties</b>                |               |                     |                  |
| Electric strength 90°C under oil <sup>⊥</sup> | IEC 60243     | kV / mm             | 10               |
| Comparative tracking index                    | IEC 60112     | CTI                 | 600              |
| Insulation resistance <sup>⊥</sup>            | IEC 60631-3-1 | Ω/cm                | 10 <sup>12</sup> |

<sup>⊥</sup> = perpendicular to the lamination II = parallel to the lamination

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