

## 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>

= perpendicular to the lamination II = parallel to the lamination

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