

### Technical Data Sheet

## Polystone® P flex

PP

#### Typical characteristics

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

#### Typical industries

- Chemical Processing Industry
- Galvanic plants
- Ventilation plants
- Chemical storage tanks

	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

