

## Technical Data Sheet

# Polystone® P flex

### Typical characteristics

- Chemical resistance
- Tough and abrasion resistant
- 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

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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