

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
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	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
Mechanical properties			
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
Thermal properties			
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.

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

Print: 14/06/2026 • Release: 16/11/2023 • Version: 3.0
 PIM-ID: 591189 • PIM-Code: 1266-6-33.17.143.10.11-9.4.4.7-5
 Company-IDs: 20000-1

Page 1 / 1 (Dates in DD/MM/YYYY)

