

Technical Data Sheet

Polystone® P EL black

PP

Typical characteristics

- Electrically conductive

Typical industries

- Chemical Processing Industry
- Exhaust-air cleaning plants
- Ventilation plants
- Electrical Industry

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,01
Flammability (Thickness 3 mm / 6 mm)	UL 94		HB
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	20
Elongation at break	DIN EN ISO 527	%	74
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1400
Notched impact strength	DIN EN ISO 179	kJ / m ²	15
Thermal properties			
Melting temperature	ISO 11357-3	°C	165
Electrical properties			
Volume resistivity	DIN EN 62631-3-1	Ω * cm	10 ³
Surface resistivity	DIN EN 62631-3-2	Ω	10 ³

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: 05/12/2025 • Release: 18/08/2025 • Version: 2.0
PIM-Version: 979 • PIM-ID: 591334 • PIM-Code: 979-6-13-7.4.4.11-5
Company-IDs: 20000-1

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

