Röchling

Industrial

Technical Data Sheet

Polystone® P EL

Product characteristics

- Electrically conductive

Product applications

- Ventilation technology
- Electrical industry
- Pump engineering

	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.

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INTEGRATED MANAGEMENT SYSTEM