

### Technical Data Sheet

## Polystone<sup>®</sup> P EL black

#### Typical characteristics

- Electrically conductive

#### Typical industries

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

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,01
Flammability (Thickness 3 mm / 6 mm)	UL 94		HB
<b>Mechanical properties</b>			
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 <sup>2</sup>	15
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	165
<b>Electrical properties</b>			
Volume resistivity	DIN EN 62631-3-1	Ohm * cm	10 <sup>3</sup>
Surface resistivity	DIN EN 62631-3-2	Ohm	10 <sup>3</sup>

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.