

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

