

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

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