

Technical Data Sheet

Polystone® P CubX®

Product characteristics

- High longitudinal and transversal stiffness
- High chemical resistance
- Light weight, easy handling

Product applications

- Rectangular tank, for example, for galvanising plant, sewage technology, cleaning systems, purification systems, tank fittings
- Lids and partitions
- Enclosures

	Test method	Unit	Guideline Value
Properties for the full cross-ribbed twin-wall sheet			
Density	DIN EN ISO 1183	g/cm ³	0,3
Area weight		kg/m ²	17,1
Weld strength lattice / covering sheets		MPa	≥ 20
Flatness	DIN EN ISO 15860	mm/m	≤ 3
Water absorption	DIN EN ISO 62	%	< 0,1
Dielectric strength	REP internal Tests	kV	>130
Thermal conductivity	ISO 8302 Tested with: GHP 500-1, Single-sheet process	W/(m*K)	Lambda 0,18
Properties for the covering sheets			
Density, RT	DIN EN ISO 1183	g/cm ³	0,92
Yield stress	DIN EN ISO 527	MPa	32
Elongation at break	DIN EN ISO 527	%	> 50
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1500
Notched impact strength	DIN EN ISO 179	kJ / m ²	8
Dielectric constant	IEC 60250		2,4
Surface resistivity	DIN EN 62631-3-2	Ω	>10 ¹⁴

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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