

Product: Polystone® P CubX®

Product characteristics:

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

Product applications:

- Rectangular tanks 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 tiwn-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
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.