

## Technical Data Sheet

### Polystone<sup>®</sup> P CubX<sup>®</sup>

[PG+UV stabilized white]

#### 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
<b>Properties for the full cross-ribbed twin-wall sheet</b>			
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	0,3
Area weight		kg/m <sup>2</sup>	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
Thermal conductivity	ISO 8302   Tested with: GHP 500-1, Single-sheet process	W/(m*K)	Lambda 0,18
<b>Properties for the covering sheets</b>			
Density, RT	DIN EN ISO 1183	g/cm <sup>3</sup>	0,92
Yield stress	DIN EN ISO 527	MPa	24
Elongation at break	DIN EN ISO 527	%	> 50
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1200
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	> 30

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.