

## 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
<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
<b>Properties for the covering sheets</b>			
Density, RT	DIN EN ISO 1183	g/cm <sup>3</sup>	0,92
Notched impact strength, RT	DIN EN ISO 179 EA1	kJ/m <sup>2</sup>	7,9
Melt flow rate (MFR) 2,16 kg, 230 °C	DIN EN ISO 1133	g/10 min.	0,45
Yield strain, RT	DIN EN ISO 527	%	7,19
Yield stress, RT	DIN EN ISO 527	N/mm <sup>2</sup>	34,56
Thermal properties, along, 150 °C	DIN EN ISO 15013	%	0,33
Thermal properties, transverse, 150 °C	DIN EN ISO 15013	%	0,17
Tensile modulus of elasticity, RT	DIN EN ISO 527	MPa	1700

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.