

## Technical Data Sheet

# Polystone® G CubX® black

PE-HD (PE 100)

### Typical characteristics

- High longitudinal and transversal stiffness
- Good handling
- Low weight
- Good thermal insulation
- Good machinability
- Good weldability
- Chemical resistant

### Typical industries

- 化学处理行业
- 饮用水和废水技术
- 化工储罐
- 机械工程行业
- 水产养殖

	Test method	Unit	Guideline value
<b>Properties for the full cross-ribbed twin-wall sheet</b>			
Thermal conductivity	ISO 8302   Tested with: GHP 500-1, Single-sheet process	W / (m * K)	Lambda 0,16
Density	DIN EN ISO 1183	g / cm <sup>3</sup>	0,3
Area weight		kg/m <sup>2</sup>	18,6
Weld strength lattice / covering sheets		MPa	≥ 16
Flatness	DIN EN ISO 15860	mm/m	4
<b>Properties for the covering sheets</b>			
Density, RT	DIN EN ISO 1183	g / cm <sup>3</sup>	0,96
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	1000
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	20
Dielectric constant	IEC 60250		2,5
Surface resistivity	DIN EN 62631-3-2		>10 <sup>14</sup>

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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