

Technical Data Sheet

Polystone[®] PPs CubX[®] (Homopolymer) grey

Typical characteristics

- Hardly inflammable
- High longitudinal and transversal stiffness
- Light weight, easy handling
- Good thermal insulation
- Chemical resistance

Typical industries

- 화학 가공 산업
- 도금 공장
- 화학물질 저장 탱크
- 강철 산세 플랜트

	Test method	Unit	Guideline value
Properties for the full cross-ribbed twin-wall sheet			
Thermal conductivity	ISO 8302 Tested with: GHP 500-1, Single-sheet process	W / (m * K)	Lambda 0,18
Density	DIN EN ISO 1183	g / cm ³	0,315
Area weight		kg/m ²	17,67
Weld strength lattice / covering sheets		MPa	≥ 20
Flatness	DIN EN ISO 15860	mm/m	≤ 3
Properties for the covering sheets			
Density, RT	DIN EN ISO 1183	g / cm ³	0,94
Notched impact strength, RT	DIN EN ISO 179 EA1	kJ / m ²	4
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 ²	32
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	1300

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Print: 08/05/2024 • Draft: 08/05/2024

PIM-Version: 452 • PIM-ID: 591217 • PIM-Code: 452-46-10.10.15.10.27-7.3.6.5-9

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(*) tested on the covering sheets

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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