

Technical Data Sheet

Polystone[®] P CubX[®] (Copolymer) PG + UV-stabilized white

PP-C

Typical characteristics

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

Typical industries

- Sport et loisirs
- Traitement de l'eau potable et des eaux usées
- Réservoirs de stockage
- Feuilles de plastique pour piscines

| | 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 0,14 |
| Densité | 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 |
| Properties for the covering sheets | | | |
| Density, RT | DIN EN ISO 1183 | g / cm ³ | 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 ² | > 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.

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