

Technical Data Sheet

Polystone® PPs CubX® (Homopolymer) grey

Typical characteristics

- Difícilmente inflamable
- Alta rigidez longitudinal y transversal
- Peso ligero, fácil manejo
- Buen aislamiento térmico
- Resistencia química

Typical industries

- Construcción de contenedores químicos
- Plantas de galvanizado
- Tanques de almacenamiento
- Plantas de decapado de acero

	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

(*) 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.



Röchling Industrial SE & Co. KG

Röchlingstr. 1 • 49733 Haren (Ems)/Germany (DE) • Tel. +49 5934 701-0
info@roechling-plastics.com • www.roechling.com/industrial/haren

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