

TECHNICAL DATA SHEET

PANELTIM[®] ULTRA LIGHTWEIGHT PP COPO

Material:	PP Copo Prime (Polypropylene Copolymer)
Depth:	35 mm
Surface:	Both sides smooth
Internal Cell Structure:	100mm x 100mm
Size:	1200 mm x 1000 mm
Exterior Wall Thickness:	3.5 mm

Weight:	Size	Depth	Weight
	1200 mm x 1000 mm	35 mm	8.2 kg/m ²

Fire Class: Class E (ISO 11925-2 assessment without test certificate)

Material properties :	Test method / standard	Typical value(s)
General		
Density	ISO 1183-1	905 kg/m ³
Mechanical properties (23°C)		
Yield stress	EN ISO 527	25.5 MPa
Strain at yield	EN ISO 527	4.9 %
Tensile modulus of elasticity	EN ISO 527	1340 Mpa
Thermal properties		
Thermal conductivity	DIN 52612-1	0.23 W/(m*K)
Thermal capacity	DIN 52612	1690 J/(kg*K)
Coefficient of linear thermal expansion	DIN 53752	100 - 180 * 10 ⁻⁶ /K

Recycling: 100% recyclable
 Recycling Code:



Disclaimer:

This information contains only typical properties of the products. This means these values can deviate. It is the customer's responsibility to inspect and test the product(s) in order to establish the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use while processing and handling all product(s) purchased from us. Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or suitability for a particular purpose.

The latest version of this technical data sheet will be available on our online platform. Contact Paneltim for more information.