

isoplan[®] LOW EMISSION

Material profile:

- Insulation material of biodegradable, mineral fibres and high-temperature resistant filler
- The combination with a very low percentage of organic binder forms a product with extremely low pollutant emission during initial use and a resistance to continuous temperatures from room temperature to 1000 °C
- No contamination under heat

Typical applications:

- Household and industrial appliances
- Households and workshops
- Laboratory equipment
- Glass industry

Supply data:

- Sheet sizes in mm: 1000x1000
- Thickness in mm: 2.0 / 5.0
- Special sheet sizes upon request
- Other thicknesses upon request

General data	Binder:	organic		
	Colour:	light grey with green honeycomb brand		
	Temperature limit:	up to 1.000 °C		
Physical properties (sample thicken. 5,0 mm)	Property	Standard	Unity	Value *
	Density	DIN 28 090-2	[g/cm ³]	0.95
	Tensile strength	DIN 52 910		
			longitudinal	[N/mm ²]
		transverse	[N/mm ²]	2
	Compressibility	ASTM F 36 K	[%]	15
	Recovery	ASTM F 36 K	[%]	50
	Loss on ignition	DIN 52 911	[%]	14.5
	Decrease in thickness	6h/800 °C	[%]	3.5
	Shrinkage by surface	6h/800 °C		
longitudinal			[%]	1.5
	transverse	[%]	1.5	

* = Mode (typical value)

Issue: 07.09

Modifications: 2

Supersedes all prior versions

The technical data stated has been determined with standard material under laboratory conditions. With the variety of installation and operating conditions no guarantee claim can be inferred regarding the behaviour in a specific application.

We reserve the right to product changes which serve the purpose of technical progress.