

Data Sheet

ISONUD LLT

Characteristics

ISONUD LLT is an insulating material based on a microporous core with a very low thermal conductivity, which means that it has very high insulation properties.

It is based mainly in pyrogenic silica, opacifiers to reduce radiation and fibres as reinforcers.

Application

- Vacuum insulation core.
- In construction with hidrophobization

Geometry

Standard dimensions

- 550mm x 350mm x e
- 510mm x 307mm x e
- 550mm x 700mm x e
- 510mm x 615mm x e
- 1100mm x 700mm x e
- 1020mm x 615mm x e

Standard thickness

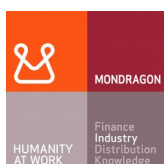
- 7mm, 10mm, 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm.

Tolerances

	Width (mm)	Length (mm)
STD (1100x700)	Max 715	Max 1120
STD (1020x615)	Max 630	Max 1040
Customized size	±3	±3
	Thickness (mm)	Tolerances
STD	7-10	±0,5
	10,1-30	±0,8
	30,1-50	±1,5

Safety instructions

The materials used are not dangerous for humans or environment following the European directive UE2006/1907/EEC. The fibres used in the core have a diameter >3µm.



Core Composition

- SiO₂ (NON CRYSTALLINE) aprox 50-90%
- SiC aprox 8-49%
- Others aprox 1-6%

Lifespan

If properly stored, the lifespan of the panel has no expiring date. It is recommended to store the panel in a dry environment.



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 Product data

Color		grey
Maximum working temperature	°C	1050
Density	kg/m ³	175-320
Non combustibility test		Classification A1
Thermal conductivity (ISO 8302, ASTM C177) a 10°C	W/m.K	<0.022

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