

## Technical details of insulating plates

### Insulating plates N52 / N53 (white)

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Compound material made of resinated glass fibres and filling material; thickness 3 - 30 mm

Characteristics	Unit	Value
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#### Physical characteristics

Density	g/cm <sup>3</sup>	1,8
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#### Thermal characteristics

Working temperature, permanent	°C	200
Application temperature, temporary	°C	210
Thermal conductivity	W/mK	0,18
Coefficient of linear expansion	10 <sup>-6</sup> x K <sup>-1</sup>	18

#### Mechanical characteristics

Compressive strength at 23 ° C	Mpa	330
Compressive strength at 200 ° C	Mpa	120
Bending strength (10 mm) at 23 ° C	Mpa	140

Tolerance - 0,4 mm	Parallelism +/- 0,05 mm
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