

Technical details of insulating plates

Insulating plates N50 / N51 / N54 / N55 (yellowbrown)

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

Characteristics	Unit	Value
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Physical characteristics

Density	g/cm ³	1,9
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Thermal characteristics

Working temperature, permanent	°C	200
Application temperature, temporary	°C	210
Thermal conductivity	W/mK	0,19
Coefficient of linear expansion	10 ⁻⁶ x K ⁻¹	13

Mechanical characteristics

Compressive strength at 23 ° C	Mpa	600
Compressive strenght at 200 ° C	Mpa	350
Bending strength (10 mm) at 23 ° C	Mpa	380

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