

OVERVIEW TECHNICAL DATA

cosTherm[®] E.210**Product Description:**

cosTherm[®] E.210 is a laminate based on a specific, high-quality glass fabric, bonded with a temperature-resistant thermosetting resin. cosTherm[®] E.210 is characterised by good dimensional stability, high temperature resistance and good insulation.

Data	Value	Unit
Operating temperature short term	230	°C
Operating temperature long term	210	°C
Thermal conductivity	0,30	W/mk
Coefficient of expansion (in length and width)	10*10 ⁻⁶	1/K
Compressive strength at 23 °C	600	N/mm ²
Compressive strength at 200 °C	290	N/mm ²
Bending strength at 23 °C	550	N/mm ²
Bending strength at 200 °C	180	N/mm ²
Density	2	g/cm ³

Delivery forms:

Standard size 3000 x 1250 mm
Standard thicknesses 6 - 25 mm

We deliver plates, pre-cut parts and machined parts according to drawings.

Application:

cosTherm[®] E.210 is used predominately as a prepressure insulation plate in mould and tool making or as dimensionally stable insulation in heated presses.

Additional technical information is available up on request.

We reserve the right to make changes in the context of further technical developments. The guide values listed in this data sheet are not contractual data. Issue 04-2024

Please contact our applications and sales engineers to clarify the suitability of the material for your application.