

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.