

OVERVIEW TECHNICAL DATA

cosTherm[®] P.250**Product Description:**

cosTherm[®] P.250 based on a high quality roving fine weave glass fibre combined with temperature resistant high class thermosetting resin. cosTherm[®] P.250 is characterized by outstanding pressure resistance, high continuous service temperature and a good insulation effect.

Data	Value	Unit
Operating temperature short term	280	°C
Operating temperature long term	250	°C
Thermal conductivity	0,25	W/mk
Coefficient of expansion (in length and width)	11 * 10 ⁻⁶	1/K
Compressive strength at 23 °C	650	N/mm ²
Compressive strength at 200 °C	450	N/mm ²
Bending strength at 23 °C	600	N/mm ²
Bending strength at 200 °C	350	N/mm ²
Density	2	g/cm ³

Delivery forms:

Standard size 2500 x 1250 mm
Standard thicknesses 6 - 25 mm

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

Application:

cosTherm[®] P.250 is prevalently used as heat shield in combination with other cosTherm[®] insulation materials. Due to its outstanding dimension Stability also at high temperatures cosTherm[®] P.250 is perfectly dedicated as highly stressable mechanical part.

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.