

OVERVIEW TECHNICAL DATA

cosTherm[®] U.200

Product Description:

cosTherm[®] U.200 is a special insulating material consisting of a glass fibre reinforced, highly insulating resin matrix. cosTherm[®] U.200 is characterised by very good insulating properties combined with high compressive strength.

Data	Value	Unit
Operating temperature short term	250	°C
Operating temperature long term	200	°C
Thermal conductivity	0,18	W/mk
Compressive strength at 23 °C	300	N/mm ²
Compressive strength at 200 °C	120	N/mm ²
Bending strength	140	N/mm ²
Density	1,8	g/cm ³

Delivery forms:

Standard size 2200 x 1040 mm
Standard thicknesses 5 - 30 mm

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

Application:

cosTherm[®] U.200 is a material that is used as a machine component or heat protection plate due to its excellent insulating properties. Companies in the rubber and plastics processing industry in particular use cosTherm[®] U.200 to insulate heated presses, moulds and tools.

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.