

OVERVIEW TECHNICAL DATA

cosTherm[®] SL.20**Product Description:**

cosTherm[®] SL.20 is a laminate based on special fibres and lubricant additives, bonded with a thermally highly resistant thermosetting resin. cosTherm[®] SL.20 is characterised by very low abrasion, very good sliding properties and high strength values.

Data	Value	Unit
Operating temperature	230	°C
Thermal conductivity	0,45	W/mk
Coefficient of expansion (in length and width)	25*10 ⁻⁶	1/K
Compressive strength at 23 °C	310	N/mm ²
Compressive strength at 200 °C	180	N/mm ²
Sliding friction dry	0,12	N/mm ²
Density	1,8	g/cm ³

Delivery forms:

Standard size 2500 x 950 mm
Standard thicknesses 5 - 20 mm

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

Application:

cosTherm[®] SL.20, a plain bearing material for the textile industry, for conveyor systems, for pump systems, rotary densityr and, in conjunction with our heat protection plates, also in heated presses and systems.

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.