

OVERVIEW TECHNICAL DATA

DOTHERM® 1200 flexible

Product description	Mineral fiber with binder (bio soluble)
Standard colour	white
Main applications	Elastic thermal insulation parts for machine engineering and process industry
Delivery program	Sheets, panels and highly precise machined parts and finished components

Physical characteristics

Properties	Test Standard	Unit	Typical value
Specific density	ISO 1183	g/cm ³	0,19
Ignition loss	24 h / 1100 °C	%	8,7

Thermal characteristics

Properties	Test Standard	Unit	Typical value
Operating temperature, continuous	-	°C	1200
Shrinkage at operating temperature	after 12 h at 1100 °C	%	2,7
Thermal conductivity at 400 °C	DIN 52612	W/mK	0,10
Thermal conductivity at 600 °C	DIN 52612	W/mK	0,15
Thermal conductivity at 800 °C	DIN 52612	W/mK	0,21

DOTHERM 1200 flexible can not be used for electrical insulation.

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The standard values shown in this data sheet are measured by standard test methods. Depending on operation terms and dimensions the material properties can differ from these values.

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