

TECHNICAL DATA OVERVIEW

DOTHERM® 1200 flexible

Material Description	Biosoluble mineral fiber with binder
Colour	White
Uses	Elastic thermal insulation components for mechanical and plant engineering
Availability	Panels, blanks and components/assemblies according to drawings

Physical properties

Properties	Test Standard	Unit	Value
Density	ISO 1183 standard	g/cm ³	0,19
Loss on ignition	24 h / 1100 °C	%	8,7

Thermal properties

Properties	Test Standard	Unit	Value
Application temperature, continuous	–	°C	1200
Shrinkage at max. application temperature	after 12 hours 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

The flexible DOTHERM 1200 material is not suitable for electrical insulation.

Last Updated: 11/2014

The values shown were determined on standard specimens. The material properties may differ from these values depending on the application and the geometry of the component.

Our consulting engineers and technicians are at your disposal to clarify the exact suitability of the material.