

DOTHERM® 1200

Product description	Mineral fiber with binder (bio soluble)
Standard colour	white
Main applications	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 gravity	ISO 1183	g/cm ³	0,32
Water absorption	ISO 62	%	85
Ignition loss	24 h / 1100 °C	%	7,8

→ Thermal characteristics

Properties	Test Standard	Unit	Typical value
Operating temperature, continuous	–	°C	1200
Shrinkage at operating temperature	after 12 h	%	1,7
Thermal conductivity	DIN 52612	W/mK	0,08

→ Mechanical characteristics

Properties	Test Standard	Unit	Typical value
Compressive strength at 23 °C	ISO 604	N/mm ²	5

DOTHERM 1200 can not be used for electrical insulation.

Issue: 11/2014

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.