

**OVERVIEW TECHNICAL DATA**

# PressTherm® AG

<b>Product description</b>	Resin-bound sandwich material
<b>Standard colour</b>	brown
<b>Main applications</b>	Surface insulation parts for heated presses
<b>Delivery program</b>	Sheets, panels and highly precise machined parts and finished components

## Physical characteristics

Properties	Test Standard	Unit	Typical value
Specific gravity	ISO 1183	g/cm <sup>3</sup>	0,2
Water absorption	ISO 62	%	4,1

## Thermal characteristics

Properties	Test Standard	Unit	Typical value
Operating temperature, continuous	-	°C	200
Operation temperature with distance strips	-	°C	240
Thermal conductivity	DIN 52612	W/mK	0,13

## Mechanical characteristics

Properties	Test Standard	Unit	Typical value
Compressive strength at 23 °C	ISO 604	N/mm <sup>2</sup>	1,2

## Additional characteristics

Properties	Test Standard	Unit	Typical value
Flammability	ATS 1000	-	selfextinguishing

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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.