

OVERVIEW TECHNICAL DATA

PressTherm[®] PD

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|----------------------------|--|
| Product description | Calcium-Silicate-Material |
| Standard colour | grey/brown |
| Main applications | Surface insulation parts for heated presses |
| 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 | 0,87 |

Thermal characteristics

| Properties | Test Standard | Unit | Typical value |
|-----------------------------------|---------------|--------|---------------|
| Operating temperature, continuous | - | °C | 400 |
| Thermal conductivity | DIN 52612 | W/mK | 0,21 |
| Specific heat capacity | - | KJ/KgK | 0,92 |

Mechanical characteristics

| Properties | Test Standard | Unit | Typical value |
|-------------------------------|---------------|-------------------|---------------|
| Compressive strength at 23 °C | ISO 604 | N/mm ² | 9,3 |

Additional characteristics

| Properties | Test Standard | Unit | Typical value |
|--------------|---------------|------|---------------------|
| Flammability | DIN 4102 | - | A1, non combustible |

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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.