



# Most Defined Building Products

High performance, noncombustible composite plastic material  
**800 °C (New 2020)**

| Properties                          | Test      | Unit                             | Value |
|-------------------------------------|-----------|----------------------------------|-------|
| Density                             | DIN 53479 | g/cm <sup>3</sup>                | 2.2   |
| Flexural Strength at 23°C           | ISO 178   | N/mm <sup>2</sup>                | 140   |
| Compressive Strength at 23°C        | ISO 604   | N/mm <sup>2</sup>                | 300   |
| Coeff. of Thermal Expansion         | DIN 53752 | 10 <sup>-6</sup> K <sup>-1</sup> | 10    |
| Thermal Conductivity                | DIN 52612 | W/mK                             | 0.12  |
| Continuous Use Temperature          | -         | °C                               | 800   |
| Maximum Use Temperature             | -         | °C                               | 800   |
| Water Absorption after 24 h at 23°C | DIN 53495 | %                                | < 0.1 |

## Availability

This material can be delivered as sheet cut-offs and finished parts.

- Max. sheet dimension 1000 x 1200 mm

- Thickness 5 – 50 mm

All information in this data sheet is given in good faith and represents our latest knowledge. The values above are typical test results from short time tests and should not be taken as guaranteed, for specifications or primary selection of materials.