



# obomodulan® 1200 sahara

obomodulan® 1200 sahara - Technical Data sheet

### Application

- checking fixtures
- foundry models
- pressing tools
- hammer form tools

### Properties

- very fine surface structure
- easily machined

### Description

- **obomodulan® 1200 sahara** is a Polyurethane based material

### Technical Data\*

Density approx. <b>kg/m3</b>	1200
Compressive strength (DIN EN ISO 604 ) approx. <b>MPa</b>	80 – 85
Bending strength (DIN EN ISO 178 ) approx. <b>MPa</b>	85 – 90
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) <b>10<sup>-6</sup> .K<sup>-1</sup></b>	60 - 65 x 10 <sup>-6</sup> .K <sup>-1</sup>
Shore-D (DIN 53505) <b>Shore-D</b>	82 – 86
Deflection temperature °C	85 – 90

\*measured average values

### Standard dimensions:

- 1000 x 500 x 50 / 75 / 100 mm
- 1000 x 1000 x 50 / 75 / 100 mm

Other dimensions, cuts, bonded blocks, rough pre-milling and block casts on request.

Boards, finished tools and models should be stored flat in dry conditions. The material should be acclimatized to 18 - 25° C prior to machining. Temperature variations should be kept as moderate as possible.

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