



obomodulan® 1000 creme

obomodulan® 1000 creme - Technical Data sheet

Application

- checking fixtures
- pattern plates
- core boxes

Properties

- very fine surface structure
- easily machined

Description

- **obomodulan® 1000 creme** is a Polyurethane based material

Technical Data*

Density approx. kg/m3	950
Compressive strength (DIN EN ISO 604) approx. MPa	45 – 50
Bending strength (DIN EN ISO 178) approx. MPa	50 – 55
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) 10-6 .K-1	50 - 55 x 10 ⁻⁶ .K ⁻¹
Shore-D (DIN 53505) Shore-D	74 – 80
Deflection temperature °C	85 – 90

*measured average values

Standard dimensions:

- 1500 x 500 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.

Status: May, 15th 2018