



obomodulan® 1200 green

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obomodulan® 1200 green - Technical Data sheet

Application

- checking fixtures
- core boxes
- pattern plates

Properties

- very fine surface structure
- easily machined

Description

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

Technical Data*

Density approx. kg/m³	1200
Compressive strength (DIN EN ISO 604) approx. MPa	80 – 85
Bending strength (DIN EN ISO 178) approx. MPa	90 – 95
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) 10⁻⁶ .K⁻¹	60 - 65 x 10 ⁻⁶ .K ⁻¹
Shore-D (DIN 53505) Shore-D	83 – 87
Deflection temperature °C	80 – 85

*measured average values

Standard dimensions:

- 1000 x 500 x 30 / 50 / 75 / 100 mm
- 1500 x 500 x 30 / 50 / 75 / 100 mm
- 2000 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