



# 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

## Physical and Technical Data\*

| Categories                                | Measured Average Values          |
|---|----------------------------------|
| Density kg/m <sup>3</sup> (approx.)       | 1200                             |
| Compressive Strength MPa (DIN EN ISO 604) | 82                               |
| Flexural Strength MPa (DIN EN ISO 178)    | 94                               |
| Linear Thermal Expansion Coefficient      | $57 \times 10^{-6} \cdot K^{-1}$ |
| Shore D ISO 868                           | 81 - 85                          |
| Deflection Temperature ISO 75             | 80° C                            |

\*measured average values

The boards are available in the following standard dimensions:

- 1000 / 1500 / 2000 x 500 x 50 mm
- 1000 / 1500 / 2000 x 500 x 75 mm
- 1000 / 1500 / 2000 x 500 x 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: 14.06.2016