



obomodulan® 240 mint

obomodulan® 240 mint - Technical Data sheet

Application

- styling models
- visualizing models
- laminating models
- thermoplastic deep drawing models
- architectural models

Properties

- fine cell structure
- easily machined
- low dust

Description

- **obomodulan® 240 mint** is a Polyurethane based material

Technical Data*

Density approx. kg/m3	240
Compressive strength (DIN EN ISO 604) approx. MPa	3 – 5
Bending strength (DIN EN ISO 178) approx. MPa	4 – 6
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) 10⁻⁶ .K⁻¹	40 - 45 x 10 ⁻⁶ .K ⁻¹
Shore-D (DIN 53505) Shore-D	27 – 40
Deflection temperature °C	90 – 95

*measured average values

Standard dimensions:

- 2000 x 500 x 100 / 150 / 200 mm
- 2000 x 1000 x 100 / 150 / 200 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