



obomodulan® 80 yellow

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obomodulan® 80 yellow - Technical Data sheet

Application

- design studies
- data control models
- underconstruction for seamless modelling pastes

Properties

- fine cell structure
- easily shaped and machined
- high deflection temperature up to 120°C

Description

- **obomodulan® 80 yellow** is a Polyurethane based material

Technical Data*

Density approx. kg/m³	77 – 82
Compressive strength (DIN EN ISO 604) approx. MPa	0,5 – 1
Bending strength (DIN EN ISO 178) approx. MPa	0,5 – 1
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) 10⁻⁶ .K⁻¹	55 - 80 x 10 ⁻⁶ .K ⁻¹
Shore-D (DIN 53505) Shore-D	18 – 22 Shore A
Deflection temperature °C	115 - 120

*measured average values

Standard dimensions:

- 2000 x 1000 x 200 / 420 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