



obomodulan® 210 light grey

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obomodulan® 210 light grey - Technical Data sheet

Application

- design studies
- data control models
- master models

Properties

- homogeneous and smooth surface
- easily shaped and machined

Description

- **obomodulan® 210 light grey** is a Polyurethane based material

Technical Data*

Density approx. kg/m3	200
Compressive strength (DIN EN ISO 604) approx. MPa	2 – 4
Bending strength (DIN EN ISO 178) approx. MPa	2 – 4
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) 10-6 .K-1	55 - 60 x 10 ⁻⁶ .K ⁻¹
Shore-D (DIN 53505) Shore-D	16 – 28
Deflection temperature °C	85 - 90

*measured average values

Standard dimensions:

- 1500 x 500 x 100 mm
- 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

