



## obomodulan® 502 orange

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### Description

**obomodulan® 502** is a polyurethane based material

### Physical and Technical Data

Categories	Measured Average Values
Density kg/m <sup>3</sup> (approx.)	470
Compressive Strength MPa (DIN EN ISO 604)	13
Bending strength (approx.) (DIN EN ISO 178)	17
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C according to DIN 53752	44 x 10 <sup>-6</sup> ·K <sup>-1</sup>
Shore D (DIN 53505)	40-50
Deflection temperature	95° C

The boards are available in the following standard dimensions:

- 1500 x 500 x 50 / 75 / 100 / 150 / 200 mm
- 2000 x 500 x 50 / 75 / 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.

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