



# obomodulan® 500 magma

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obomodulan® 500 magma Technical Data Sheet

## Application

- Master models
- Data Control models
- Laminating models
- Thermoplastic deep drawing models
- Windtunnel models

## Properties

- Fine cell structure
- Easy to machine
- Low dust

## Description

- **obomodulan® 500 magma** is a Polyurethane based material

## Technical Data\*

Density kg/m <sup>3</sup> (approx.)	500
Compressive Strength MPa (DIN EN ISO 604)	17
Bending strength MPa (DIN EN ISO 178)	19
Linear Thermal Expansion Co-efficient	$36 \times 10^{-6} \cdot K^{-1}$
Shore D (DIN 53505)	47 - 63
Deflection Temperature ISO 75	80 °C

\* measured average values

## Standard Dimension:

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

Stand: 14.06.2016