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obomodulan® 652 mokka

obomodulan® 652 mokka - Technical Data sheet

Application

- design studies
- laminating models
- master models
- vacuum forming moulds
- foundry patterns

Properties

- fine cell structure
- easily machined
- high edge resistance

Description

- **obomodulan® 652 mokka** is a Polyurethane based material

Technical Data*

Density approx. **kg/m3**	650
Compressive strength (DIN EN ISO 604) approx. **MPa**	25 – 30
Bending strength (DIN EN ISO 178) approx. **MPa**	25 – 30
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C (according to DIN 53752) **10-6 .K-1**	50 - 55 x 10^{-6}.K^{-1}
Shore-D (DIN 53505) **Shore-D**	57 – 68
Deflection temperature **°C**	80 – 85

*measured average values

Standard dimensions:
- 1500 x 500 x 50 / 75 / 100 / 150 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 - 25º C prior to machining. Temperature variations should be kept as moderate as possible.

Status: May, 15th 2018

Sitz der Gesellschaft: Stadthagen, Reg.: Amtsgericht Stadthagen HRB 907
Geschäftsführer: Kurt Hüther, Ulrich Krückeberg