



Application

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

Description

- **obomodulan® 700 terra** is a polyurethane based material.

Physical and Technical Data*

Categories	Measured Average Values
Density kg/m ³ (approx.)	720
Compressive Strength MPa (DIN EN ISO 604)	33
Bending strength MPa (DIN EN ISO 178)	31
Linear Thermal Expansion co-efficient	$44 \times 10^{-6} \cdot K^{-1}$
Shore D (DIN 53505)	65 - 75
Deflection Temperature ISO 75	80 °C

*measured average values

The boards are available in the following standard dimensions:

- 1500 x 500 x 25 mm
- 1500 x 500 x 50 mm
- 1500 x 500 x 75 mm
- 1500 x 500 x 100 mm
- 1500 x 500 x 150 mm
- 1500 x 500 x 200 mm

Other dimensions, cuts, bonded blocks, rough pre-milling and block cast 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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