



obomodulan® 1700 black

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Application

- jigs
- pattern plates
- pressing tools

Properties

- fine surface structure
- easily machined
- very high compressive strength
- low coefficient of thermal expansion

Description

- **obomodulan® 1700 black** is a polyurethane based material

Physical and Technical Data*

Density kg/m ³ (approx.)		1600
Compressive Strength MPa (DIN EN ISO 604)		116
Flexural Strength MPa (DIN EN ISO 178)		75
Linear Thermal Expansion Coefficient		$49 \times 10^{-6} \cdot K^{-1}$
Shore D ISO 868		88 - 89
Deflection Temperature ISO 75		94° C

*measured average values

The boards are available in the following standard dimensions:

- 750 x 500 x 50 / 75 / 100 mm
- 1500 x 500 x 50 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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