

**obomodulan® type 850 grey****Description**

obomodulan® type 850 is a polyurethane based material

Physical and Technical Data

Categories	Measured Average Values
Density kg/m ³ (approx.)	820
Compressive Strength MPa (DIN EN ISO 604)	37
Bending strength (approx.) (DIN EN ISO 178)	37
Linear thermal expansion coefficient temperature from approx. 25 up to 70 °C according to DIN 53752	$55 \times 10^{-6} \text{K}^{-1}$
Shore D (DIN 53505)	65-75
Deflection temperature	100° C

* measured average values

The boards are available in the following standard dimensions:

- 1000/1500/2000 x 500 x 50 mm
- 1000/1500/2000 x 500 x 75 mm
- 1000/1500/2000 x 500 x 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.

Status: 14.06.2016