



## obocastulan® 1600 sand

OBO-Werke GmbH

Am Bahnhof 5 · 31655 Stadthagen · Germany  
Telefon (057 21) 78 01-0  
Telefax (057 21) 7 78 55  
www.obo-werke.de  
info@obo-werke.de  
USt-Id: DE171274404  
St -Nr : 44/210/02193

### Application

- design studies
- laminating models
- vacuum forming moulds
- checking fixtures

### Properties

**obocastulan® 1600 sand** is individually manufactured and has the following properties:

- very fine surface structure
- easily machined
- high edge resistance

The cast parts are completely unmachined.  
The recommended offset for each surface is 10 mm.

### Physical and Technical Data\*

Colour	sand
Density kg/m <sup>3</sup> (approx.)	1600
Compressive strength MPa (DIN EN ISO 604)	105 - 110
Bending strength MPa (DIN EN ISO 178)	75 - 80
Linear thermal expansion co-efficient according to DIN 53752	$45 - 50 \times 10^{-6} \cdot K^{-1}$
Shore D (DIN 53505)	88 - 90
Heat resistance °C	80 - 85

\* measured average values

During the experimental stage, the mechanical values may be subject to little change.

### Dimensions:

- according to your specifications
- final contour casting according to CAD data

The technical data relating to the material and its processing has been compiled carefully and it's correct to the best of our knowledge. The information cannot, however, be taken to be legally binding nor as any commitment that the material has certain properties or is suited for any particular purpose.

Status: 06.06.2018