



## RenShape® BM 5050

OBO-Werke GmbH

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### Description

#### Advantages:

- very fine surface structure
- easily machinable
- very good dimensional stability
- high deflection temperature up to 110°C
- low thermal expansion coefficient

#### Applications:

- prepregs
- data control models
- cubing
- vacuum forming moulds

### Technical Data\*

Colour	blue
Density kg/m <sup>3</sup> (approx.) DIN 53479	700 - 750
Compressive Strength MPa (DIN EN ISO 604)	60 - 65
deflection temperature	110 °C
Flexural Strength MPa (DIN EN ISO 178)	35 - 40
Shore D (DIN 53505)	72-78
Coefficient of thermal expansion	35 - 45 x 10 <sup>-6</sup> ·K <sup>-1</sup>

\* measured average values

The boards are available in the following standard dimensions:

1524 x 610 x 50 / 75 / 100 mm

Further dimensions 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.

OBO-Werke GmbH are manufacturer and supplier for RenShape® boards and RenPaste™ seamless modelling pastes in Europe.

OBO-Werke GmbH manufacture RenShape® boards and RenPaste™ seamless modelling paste under License from Huntsman Advanced Materials.

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