

MB-0670

Board material

Polyurethane board for models

Key Properties

- Fine surface structure
- Excellent milling characteristics
- Easy to seal and varnish
- Good temperature resistance
- Standard modeling board
- Wide range of thicknesses

Applications

- Master models
- Master models for composite molds
- Molds for composite prototype parts
- Architectural models
- Wind tunnel models
- Water channel models
- Thermoforming tools for prototypes

Mechanical Properties

		Unit	MB-0670
Color		visual	brown
Density	ISO 1183	g/cm ³	ca. 0.67
Hardness	ISO 868	Shore D	60 - 65
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	50 - 55
Deflection temperature, HDT	ISO 75	°C	75 - 80
Compressive strength	ISO 604	MPa	15 - 20
Flexural strength	ISO 178	MPa	20 - 25

Processing

The material should be processed at a temperature of 20°C – 25°C.

Dimensions

RAKU® TOOL MB-0670	1500 x 500 x 25 mm 1500 x 500 x 30 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
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Storage

The material should be stored flat and in a dry place. Temperature variations should be avoided during storage and transportation.



Handling precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.

For information on adhesives and repair pastes see corresponding individual technical data sheets.