

## Board Material

### Polyurethane Board for Modeling

#### Key Properties

- Fine surface structure
- Low coefficient of thermal expansion
- Good dimensional stability
- Good compressive and flexural strength

#### Applications

- Master models
- Cubing models
- Patterns

#### Mechanical Properties

			MB-0720
Color	visual		Brown
Density	ISO 1183	g/cm <sup>3</sup>	ca. 0.72
Shore hardness D	ISO 868		60 – 65
Coefficient of thermal expansion	ISO 11359	10 <sup>-6</sup> K <sup>-1</sup>	50 – 55
Deflection temperature, HDT	ISO 75	°C	75 – 80
Compressive strength	ISO 604	MPa	20 – 25
Flexural strength	ISO 178	MPa	25 – 30

#### Processing

The product should have a temperature of 20°C – 25°C during processing.

#### Packaging

RAKU-TOOL® MB-0720	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

#### Storage

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

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### **Handling Precautions**

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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.

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