

MB-0600

Board material

Polyurethane board for models

Key Properties

- Fine surface structure
- Easy to shape and machine
- Easy to seal and varnish
- Wide range of thicknesses

Applications

- General purpose master models
- Models and molds
- Trimming jigs

Mechanical Properties

		Unit	MB-0600
Color		visual	brown
Density	ISO 1183	g/cm³	ca. 0.60
Hardness	ISO 868	Shore D	50 - 55
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	50 - 55
Deflection temperature, HDT	ISO 75	°C	70 - 75
Compressive strength	ISO 604	MPa	15 - 20
Flexural strength	ISO 178	MPa	15 - 20

Processing

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

Dimensions

RAKU® TOOL MB-0600	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.