

RAKU-TOOL[®] MB-0550

Board Material

Polyurethane Board for Modeling

PC - Rev.-Status: 01- 2005/12/09

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Key Properties

- Fine surface structure
- Easily shaped and machined
- Low coefficient of thermal expansion
- Good dimensional stability

Applications

- Master models
- Cubing models
- Patterns

Mechanical Properties

			MB-0550
Color	visual		Brown
Density	ISO 1183	g/cm ³	0.55
Shore hardness D	ISO 868		55 – 60
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	15 – 20

Processing

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

Packaging

RAKU-TOOL [®] MB-0550	1500 x 500 x 25 mm
	1500 x 500 x 50 mm
	1500 x 500 x 75 mm
	1500 x 500 x 100 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

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.
