RAKU® TOOL

MB-0720

Board material

Polyurethane board for models

Key Properties

- Very fine surface structure
- Excellent milling characteristics
- High edge strength
- Wide range of thicknesses
- Good dimensional stability
- Good temperature resistance

Applications

- Data control models
- Master models for tires
- Thermoforming tools for prototypes
- Molds for composite prototype parts
- Architectural models
- Assembly jigs for plastic parts
- Checking fixtures for plastic parts

Mechanical Properties

		Unit	MB-0720
Color		visual	brown
Density	ISO 1183	g/cm³	ca. 0.72
Hardness	ISO 868	Shore D	60 - 65
Coefficient of thermal expansion	ISO 11359	10^-6K^-1	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 material should be processed at a temperature of 20°C – 25°C.

Dimensions	
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 x100 mm 1500 x 500 x150 mm 1500 x 500 x200 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.

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

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