RAKU® TOOL



WB-1600

Board material

Polyurethane Board for Molds and Tools

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Key Properties

- Good mechanical properties
- Low linear coefficient of thermal expansion

Applications

- Jigs and checking fixtures for metal parts
- Metal sheet forming tools
- Thermoforming tools

Mechanical Properties

		Unit	WB-1600
Color		visual	ivory
Density	ISO 1183	g/cm³	ca. 1.60
Hardness	ISO 868	Shore D	85 - 90
Coefficient of thermal expansion	ISO 11359	10^-6K^-1	45 - 50
Deflection temperature, HDT	ISO 75	°C	75 - 80
Compressive strength	ISO 604	MPa	90 - 100
Flexural strength	ISO 178	MPa	55 - 65

Processing

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

Dimensions			
RAKU® TOOL WB-1600	750 x 500 x 50 mm 750 x 500 x 75 mm 750 x 500 x100 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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Our recommendations on the use of the material are based on many years of experience and current scientific and practical knowledge. They are, however, provided without any obligation on our part and do not relieve the buyer of the need for suitability tests. They do not constitute a legal relationship, nor are any protected third party rights whatsoever affected thereby. The technical data sheet is not a specification, but contains only approximate values.