

## Board Material

### Polyurethane Board for Tools and Molds

#### Key Properties

- Made out of recycle polyol
- Resistant to amine
- Resistant to dry ice cleaning
- Good abrasion resistance

#### Applications

- Foundry models
- Foundry pattern plates

#### Mechanical Properties

			WB-1460
Color	visual		Light green
Density	ISO 1183	g/cm <sup>3</sup>	ca. 1.46
Shore hardness D	ISO 868		80 – 85
Coefficient of thermal expansion	ISO 11359	10 <sup>-6</sup> K <sup>-1</sup>	65 – 75
Deflection temperature, HDT	ISO 75	°C	75 – 80
Compressive strength	ISO 604	MPa	70 – 80
Flexural strength	ISO 178	MPa	70 – 80
Abrasion	Taber	mm <sup>3</sup> /100R	80 – 90

#### Processing

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

#### Packaging

RAKU® TOOL WB-1460	1000 x 500 x 30 mm
	1000 x 500 x 50 mm
	1000 x 500 x 75 mm
	1000 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.

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