

Board Material

Polyurethane Board for Tools and Molds

Key Properties

- Low wear of milling tools
- Resistant to amine
- Most proven working board on the foundry market
- Resistant to dry ice cleaning
- Good abrasion resistance

Applications

- Foundry pattern plates
- Hammer tools
- Checking fixtures for metal parts

Mechanical Properties

			WB-1222
Color	visual		Green
Density	ISO 1183	g/cm ³	ca. 1.22
Shore hardness D	ISO 868		75 – 85
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	80 – 85
Deflection temperature, HDT	ISO 75	°C	80 – 90
Compressive strength	ISO 604	MPa	60 – 70
Flexural strength	ISO 178	MPa	70 – 80

Processing

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

Packaging

RAKU-TOOL® WB-1222	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.

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 the corresponding individual technical data sheets.