

WB-0890

Board material

Epoxy Board for Molds and Tools

Key Properties

- Very fine surface structure
- Good dimensional stability
- Temperature resistant up to 110°C
- Excellent milling characteristics

Applications

- Lay-up tools for low temperature prepregs
- Thermoforming tools

Mechanical Properties

| | | Unit | WB-0890 |
|----------------------------------|-----------|----------------------------------|-----------|
| Color | | visual | dark blue |
| Density | ISO 1183 | g/cm³ | ca. 0.89 |
| Hardness | ISO 868 | Shore D | 75 - 80 |
| Coefficient of thermal expansion | ISO 11359 | 10 ⁻⁶ K ⁻¹ | 35 - 45 |
| Deflection temperature, HDT | ISO 75 | °C | 100 - 110 |
| Compressive strength | ISO 604 | MPa | 60 - 70 |
| Flexural strength | ISO 178 | MPa | 40 - 50 |

Processing

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

Our technical service will be happy to answer any questions you may have.

Dimensions

| | |
|--------------------|--|
| RAKU® TOOL WB-0890 | 1500 x 500 x 50 mm 1500 x 500 x 75 mm 1500 x 500 x 100 mm 1500 x 500 x 150 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.

When processing the board material, care must be taken that there is no accumulation of material around the milling tool.

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