

Board Material

Epoxy Board for Tools & Molds

Key Properties

- Very fine surface structure
- Excellent machinability
- Good dimensional stability
- Heat resistant up to 110°C

Applications

- Lay-up tools for low temperature tooling prepregs
- Vacuum forming molds
- Medium temperature applications

Mechanical Properties

			WB-0691
Color	visual		Blue
Density	ISO 1183	g/cm ³	ca. 0.69
Shore hardness D	ISO 868		70 – 75
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	50 – 60
Flexural strength	ISO 178	MPa	25 – 35
Tensile strength	ISO 527	MPa	15 – 20

Processing

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

Packaging

RAKU® TOOL WB-0691	1500 x 500 x 50 mm
	1500 x 500 x 75 mm
	1500 x 500 x 100 mm
	1500 x 500 x 150 mm
	1500 x 500 x 200 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.