

WB-0691

Board material

Epoxy Board for Molds and Tools

Key Properties

- Temperature resistant up to 110°C
- Low linear coefficient of thermal expansion
- Low odor during milling
- Stable during milling
- Fine surface structure

Applications

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

Mechanical Properties

		Unit	WB-0691
Color		visual	blue
Density	ISO 1183	g/cm ³	ca. 0.69
Hardness	ISO 868	Shore D	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 material should be processed at a temperature of 20°C – 25°C.

Dimensions

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
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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 corresponding individual technical data sheets.