

Board Material

High Temperature Epoxy Board for Tools & Molds

Key Properties

- Heat resistant up to 200°C
- Closed surface structure
- Good machinability
- Good dimensional stability

Applications

- Lay-up tools for prepreg
- Vacuum forming molds
- High temperature applications

Mechanical Properties

			WB-0950
Color	visual		Brown
Density	ISO 1183	g/cm ³	ca. 0.95
Shore hardness D	ISO 868		75 – 80
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	30 – 35
Deflection temperature, HDT	ISO 75	°C	190 – 200
Compressive strength	ISO 604	MPa	70 – 80
Flexural strength	ISO 178	MPa	40 – 50

Processing

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

Packaging

RAKU® TOOL WB-0950	1500 x 500 x 50 mm 1500 x 500 x 100 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 the corresponding individual technical data sheets.