

## Board Material

### Epoxy Board for Tools & Molds

#### Key Properties

- Extremely fine and smooth surface
- Excellent machinability
- Good dimensional stability
- Heat resistant up to 212°F

#### Applications

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

#### Mechanical Properties

|                                  |             |                             | WB-0890        |
|----------------------------------|-------------|-----------------------------|----------------|
| Color                            | visual      |                             | Dark blue      |
| Density                          | ASTM D-792  | lb/ft <sup>3</sup>          | ca. 56         |
| Shore hardness D                 | ASTM D-2240 |                             | 75 – 80        |
| Coefficient of thermal expansion | ASTM D-3386 | in/in/°F x 10 <sup>-6</sup> | 19 – 25        |
| Deflection temperature, HDT      | ASTM D-648  | °F                          | 212 – 230      |
| Compressive strength             | ASTM D-695  | psi                         | 8,700 – 10,200 |
| Flexural strength                | ASTM D-790  | psi                         | 5,800 – 7,300  |

#### Processing

The product should have a temperature of 68-77°F during processing.

#### Packaging

RAKU® TOOL WB-0890

**59.1x19.7x** [2, 3, 3.9, 5.9] in

#### Storage

The material should be stored flat and in a dry place. Temperature variations should be avoided during storage and transportation.

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### Handling Precautions

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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.

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