

# RAKU-TOOL<sup>®</sup> SB-0310

## Board Material

### Polyurethane Board for Styling & Design

PC - Rev.-Status: 01-2006/01/05

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**Key Properties**

- Very good surface structure
- Easily machined
- Resistant to organic solvents

**Applications**

- Styling models
- Master models and data control models

**Mechanical Properties**

|                                  |           |                                  | SB-0310 |
|----------------------------------|-----------|----------------------------------|---------|
| Color                            | visual    |                                  | Siena   |
| Density                          | ISO 1183  | g/cm <sup>3</sup>                | 0.31    |
| Coefficient of thermal expansion | ISO 11359 | 10 <sup>-6</sup> K <sup>-1</sup> | 60 – 65 |
| Deflection temperature, HDT      | ISO 75    | °C                               | 60 – 70 |
| Compressive strength             | ISO 604   | MPa                              | 7 – 8   |
| Flexural strength                | ISO 178   | MPa                              | 6 – 8   |

**Processing**

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

**Packaging**

|                                |   |
|--------------------------------|---|
| RAKU-TOOL <sup>®</sup> SB-0310 | 1500 x 500 x 50 mm<br>1500 x 500 x 100 mm<br>1500 x 500 x 200 mm<br>2000 x 500 x 100 mm |
|--------------------------------|---|

**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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