

Board Material

Polyurethane Board for Styling & Design

Key Properties

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

Applications

- Styling models
- Master models and data control models

Mechanical Properties

			SB-0320
Color	visual		Apricot
Density	ASTM D-792	g/cm ³ (lb/ft ³)	ca. 0.32 (ca. 20.0)
Coefficient of thermal expansion	ASTM D-3386	10 ⁻⁶ K ⁻¹ (in/in/°F x 10 ⁻⁶)	60 – 65 (33 – 36)
Deflection temperature, HDT	ASTM D-648	°C (°F)	60 – 70 (140 – 158)
Compressive strength	ASTM D-695	MPa (psi)	5 – 7 (730 – 1,020)
Flexural strength	ASTM D-790	MPa (psi)	6 – 8 (870 – 1,200)

Processing

The product should have a temperature of 20°C – 25°C (68-77°F) during processing.

Packaging

RAKU-TOOL® SB-0320	96 x 24 x 4 in 96 x 24 x 6 in 96 x 24 x 8 in 96 x 48 x 2 in 96 x 48 x 4 in
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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.