

TECHNICAL DATASHEET

RAKU-TOOL® SB-0470



TOOLING

COMPOSITES

Board Material

Polyurethane Board for Styling & Design

© RAMPF Tooling Solutions GmbH & Co. KG

PC - Rev.-Status: 01- 2014/07/01

Page 1 of 2

Key Properties

- Very smooth surface structure
- Easily machined

Applications

- Styling models
- Master models and data control models

Mechanical Properties

			SB-0470
Color	visual		Apricot
Density	ISO 1183	g/cm ³	ca. 0.47
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	60 – 65
Deflection temperature, HDT	ISO 75	°C	60 – 70
Compressive strength	ISO 604	MPa	10 – 15
Flexural strength	ISO 178	MPa	10 – 15

Processing

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

Packaging

RAKU-TOOL® SB-0470

1500 x 500 x 50 mm
 1500 x 500 x 75 mm
 1500 x 500 x 100 mm
 1500 x 500 x 150 mm
 1500 x 500 x 200 mm

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.