RAKU-TOOL® SB-0320

RAMPF discover the future

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
- 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 2 in |
| | 96 x 48 x 4 in |

Storage

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

RAKU-TOOL® SB-0320

Board Material

Polyurethane Board for Styling & Design



© RAMPF Tooling Solutions GmbH & Co. KG

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

Page 2 of 2

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.

RAMPF Group, Inc. P.O. Box 930352 49037 Wixom Tech Drive Wixom, MI 48393-2066 T +1 248. 295.0223 F +1 248. 295.0224 E info@rampf-group.com Our recommendations on the use of the material are based on many years of experience and current scientific and practical knowledge. They are, however, provided without any obligation on our part and do not relieve the buyer of the need for suitability tests. They do not constitute a legal relationship, nor are any protected third party rights whatsoever affected thereby.