RAKU® TOOL



CB-6691

Close Contour Block

Cast epoxy

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Key Properties

- Very fine surface structure
- · Good milling characteristics
- Good dimensional stability
- Temperature resistant up to 110°C

Mechanical Properties

| Ap | plicatio | ns |
|----|----------|----|
| | | |

- Lay-up tools for low temperature prepregs
- Thermoforming tools

| | | Unit | CB-6691 |
|----------------------------------|-----------|-----------|-----------|
| Color | | visual | blue |
| Density | ISO 1183 | g/cm³ | ca. 0.69 |
| Hardness | ISO 868 | Shore D | 70 - 75 |
| Coefficient of thermal expansion | ISO 11359 | 10^-6K^-1 | 35 - 45 |
| Deflection temperature, HDT | ISO 75 | °C | 100 - 110 |
| Flexural strength | ISO 178 | MPa | 25 - 35 |
| Compressive strength | ISO 604 | MPa | 50 - 60 |

Processing

The material should be processed at a temperature of 20°C – 25°C.

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.

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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. The technical data sheet is not a specification, but contains only approximate values.