RAKU® TOOL

CB-6691

Close Contour Block

Cast epoxy

Key Properties

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

Applications

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

Mechanical Properties

		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	$10^{-6}K^{-1}$	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.