

Close Contour Block

Cast Epoxy

Key Properties

- Very fine surface structure
- Excellent machinability
- Good dimensional stability
- Heat resistant up to 110°C

Applications

- Lay-up tools for low temperature tooling prepregs
- Vacuum forming molds
- Medium temperature applications

Mechanical Properties

			CB-6691
Color	visual		Light blue
Density	ISO 1183	g/cm ³	ca. 0.69
Shore hardness D	ISO 868		70 – 75
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	35 – 45
Deflection temperature, HDT	ISO 75	°C	100 – 110
Compressive strength	ISO 604	MPa	55 – 60
Flexural strength	ISO 178	MPa	28 – 33
Tensile strength	ISO 527	MPa	18 – 20

Processing

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

Packaging

RAKU-TOOL® CB-6691 Close Contour Block is supplied as a customized size of a rectangular, unmachined block.

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.
