

APPLICATIONS

- ❖ MASTER MODELS
- ❖ CUBING MODELS
- ❖ PATTERNS

PROPERTIES

- ❖ FINE SURFACE STRUCTURE
- ❖ LOW COEFFICIENT OF THERMAL EXPANSION
- ❖ GOOD DIMENSIONAL STABILITY
- ❖ COMPATIBLE WITH EPOXY PREPREG

TYPICAL PHYSICAL PROPERTIES	TEST METHOD	UNITS	MOULDED ITEM
COLOUR			TEAL BLUE
DENSITY	ISO 854	kg/m ³	830-870
HARDNESS	ISO 868	Shore D	75-80
GLASS TRANSITION TEMPERATURE	ASTM E1356	°C	140
HEAT DISTORTION TEMPERATURE	ISO 75B	°C	125
COEFFICIENT OF THERMAL EXPANSION	ISO 11359-2	10 ⁻⁶ K ⁻¹	30-40
COMPRESSIVE STRENGTH	ISO 178	MPa	50-60
FLEXURAL STRENGTH	ISO 178	MPa	35-40

Processing: The product should have a temperature of 20-25°C during processing.

Board sizes: 1500 x 500 x 50 mm
1500 x 500 x 75 mm
1500 x 500 x 100 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.

Legal Disclaimer: Recommendations and technical information are provided in good faith, based on current knowledge and experience. However, due to variations in storage conditions, storage period, substrates and site conditions, no warranty in respect of fitness for purpose can be inferred from this information.

The user must test the product's suitability for the intended application. Ru-bix Tooling Board is happy to provide free-issue samples for this purpose. All orders are accepted subject to our current terms of sale, a copy of which can be obtained from the Ru-bix office.

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