RX-300

Polyurethane Tooling Board

Ru-bix Tooling Board
Venus Court
Hardwick Industrial Estate
King's Lynn
Norfolk
PE30 4HY

TECHNICAL INFORMATION: BOARD/BLOCK

APPLICATIONS

- MASTER MODELS
- CUBING MODELS
- PATTERNS

PROPERTIES

- FINE SURFACE STRUCTURE
- LOW COEFFICIENT OF THERMAL EXPANSION
- GOOD DIMENSIONAL STABILITY
- GOOD COMPRESSIVE AND FLEXURAL STRENGTH

TYPICAL PHYSICAL PROPERTIES	TEST METHOD	UNITS	MOULDED ITEM
COLOUR			CREAM
DENSITY	ISO 854	kg/m^3	275-325
THERMAL CONDUCTIVITY	EN 12667	W/mK	0.049
USEFUL TEMPERATURE RANGE		°C	-35 to +110
COEFFICIENT OF THERMAL EXPANSION	ISO 11359-2	$10^{-6}K^{-1}$	50-60
COMPRESSIVE STRENGTH	ISO 178	kPa	4500-5000
FLEXURAL STRENGTH	ISO 178	kPa	4700-5200

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

Board sizes:
2200 x 1040 x 50 mm
2200 x 1040 x 75 mm
2200 x 1040 x 100 mm
2200 x 1040 x 150 mm
2200 x 1040 x 200 mm

Board size: 2200 x 1040 x 320 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.

"Shaping The Future"