

Advanced Materials

RenShape® BM 5440

BOARD MATERIAL
MODELLING BOARD

KEY PROPERTIES :

- Fine surface structure
- Easily shaped and machined
- Low coefficient of thermal expansion, good dimensional stability

APPLICATIONS :

- Master models
- Cubing models
- Patterns

PRODUCT DATE :

Product	Color	Test method
RenShape® BM 5440	Brown	Visual

PROPERTIES :

Density	ISO 1183	g/cm ³	0.55 - 0.60
Hardness	ISO 868	Shore D	55 - 60
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ k ⁻¹	50 - 55
Deflection temperature	ISO 75	°C	75 - 80
Compressive strength	ISO 604	MPa	15 - 20
Compressive modulus	ISO 604	MPa	600 - 700
Flexural strength	ISO 178	MPa	15 - 20

MILLING :

Milling parameter available on request.

WORKING CONDITIONS :

The product should be used when in the temperature range 20 ° to 25 °C.

STORAGE :

RenShape® BM 5440 boards should be stored flat in a dry place, in the sealed original container, at temperatures between +2°C and +40°C (+35.6°F and 104°F). Under these storage conditions, the shelf life is 10 years. The product should not be exposed to direct sunlight.

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Huntsman Advanced Materials Americas LLC maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to MSDS as mentioned above.

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL**

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