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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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First Aid!

Refer to MSDS as mentioned above.

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

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