



**Advanced Materials**

**RenShape® BM 70 US Material**

**BOARD MATERIAL  
MODELLING BOARD**

**KEY PROPERTIES**

- Good surface finish
- Good flexural and compressive strength
- Low coefficient of thermal expansion, good dimensional stability

**APPLICATIONS**

- Master models
- Cubing models
- Patterns

**PRODUCT DATA**

Product	Color	Test method
RenShape® BM 70 US	Brown	visual

**PROPERTIES**

<b>Density</b>	<b>ISO 1183</b>	Lbs/ft. <sup>3</sup>	42
<b>Hardness</b>	<b>ISO 868</b>	Shore D	60-65
<b>Coefficient of thermal expansion</b>	<b>ISO 11359</b>	in/in/°F	27.7 – 30.5 x (10 <sup>-6</sup> )
<b>Deflection temperature</b>	<b>ISO 75</b>	°F	167 - 176
<b>Compressive strength</b>	<b>ISO 604</b>	Psi	2,900 – 3,600
<b>Compressive Modulus</b>		Psi	131,850 – 139,104
<b>Flexural strength</b>	<b>ISO 178</b>	Psi	3,620 – 4,340



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**MILLING** Milling parameter available on request.

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

**PACKAGING**

Dimensions	Volume (Board Ft)	Weight (lbs.)	Number of Boards (per pack)	Number of Boards (per pallet)
2" x 24" x 60"	20	70	1	36
3" x 24" x 60"	30	105	1	18
4" x 24" x 60"	40	140	1	18
6" x 24" x 60"	60	210	1	14

**STORAGE**

RenShape® BM 70 US boards should be stored flat in a dry place, at temperatures between 3506°F and 104°F. Under these storage conditions the shelf life is 10 years. The product should not be exposed to direct sunlight.

**PRECAUTIONARY STATEMENT**

Huntsman Advanced Materials Americas 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.

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