



# MODELING AND TOOLING FOAM BOARD

## MB1300

### “Mahogany”

MB 1300 is a Mahogany colored rigid closed-cell polyurethane foam tooling and modeling board. MB 1300 is medium low density foam of approximately 30lbs/ft<sup>3</sup> board. Easily cut using CNC machining equipment the MB 1300 is perfectly suited for visual master models, architectural design models as well as design verification and prototype tools.

- \* Excellent machinability
- \* Very little abrasion
- \* No shrinkage
- \* Excellent at high speed cutting
- \* Excellent surface finish
- \* Exceptional dimensional stability

#### Features:

Density (lbs/ft <sup>3</sup> )	31
Hardness (Shore D)	58
Tensile Strength (psi)	1,250
Flexural Strength (psi)	2,400
Service Temp (min/max)	-300/+195
Compressive Strength	2,200
CTE (in./in./°F)	33 x 10 <sup>-6</sup>

## MB1200

### “Apricot”

MB 1200 is an Apricot colored rigid closed-cell polyurethane foam tooling and modeling board. MB 1200 is low density foam of approximately 20lbs/ft<sup>3</sup> board. Easily cut using CNC machining equipment or by hand the MB 1200 is perfectly suited for temporary master models, architectural design models, foundry patterns as well as design verification and prototype tools.

- \* Easily machined or hand carved
- \* Very little abrasion
- \* No shrinkage
- \* Excellent at high speed cutting
- \* Excellent surface finish
- \* Exceptional dimensional stability

#### Features:

Density (lbs/ft <sup>3</sup> )	20
Hardness (Shore D)	40
Tensile Strength (psi)	895
Flexural Strength (psi)	1,330
Service Temp (min/max)	-300/+195
Compressive Strength	1,140-1,130
CTE (in./in./°F)	33 x 10 <sup>-6</sup>

## MB1150

### “Avocado”

MB 1150 is an Avocado colored rigid closed-cell polyurethane foam tooling and modeling board. MB 1150 is low density foam of approximately 15lbs/ft<sup>3</sup> board. Easily cut using CNC machining equipment or by hand the MB 1150 is perfectly suited for temporary master models, architectural design models, foundry patterns as well as design verification and prototype tools.

- \* Easily machined or hand carved
- \* Very little abrasion
- \* No shrinkage
- \* Excellent at high speed cutting
- \* Excellent surface finish
- \* Exceptional dimensional stability

#### Features:

Density (lbs/ft <sup>3</sup> )	15
Hardness (Shore D)	30
Tensile Strength (psi)	600
Flexural Strength (psi)	780
Service Temp (min/max)	-300/+195
Compressive Strength	560-590
CTE (in./in./°F)	33 x 10 <sup>-6</sup>

## MB1100

### “Olive”

MB 1100 is an Olive colored rigid closed-cell polyurethane foam tooling and modeling board. MB 1100 is low density foam of approximately 10lbs/ft<sup>3</sup> board. Easily cut using CNC machining equipment or by hand the MB 1100 is perfectly suited for temporary master models, architectural design models, foundry patterns as well as design verification and prototype tools.

- \* Easily machined or hand carved
- \* Very little abrasion
- \* No shrinkage
- \* Excellent at high speed cutting
- \* Excellent surface finish
- \* Exceptional dimensional stability

#### Features:

Density (lbs/ft <sup>3</sup> )	10
Hardness (Shore D)	20
Tensile Strength (psi)	350
Flexural Strength (psi)	380
Service Temp. (min/max)	-300/+195
Compressive Strength (psi)	280
CTE (in./in./°F)	33 x 10 <sup>-6</sup>

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