



# Machinable Wax Reclaiming Procedure

## Equipment

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- Melting tank that is temperature controlled to ensure accurate and even heating of the wax
- Open top aluminum mold that is approximately 10% larger than the finished size and shape of the required block.
- Silicone Spray Mold Release
- Plywood cover about 1 – 2” larger than the aluminum mold in length, width, and height

## Procedure

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- 1** Determine the size of mold needed for the block. To compensate for shrinkage, add 10% to the length and width, as well as 1-2 inches to the top of the mold.
- 2** Multiply these 3 numbers together to obtain the volume of the mold in cubic inches.
- 3** Divide the total number of cubic inches by 28.8.
- 4** The result of this will be the number of pounds required to fill the mold. We recommend using no more than 30% reclaimed wax.
- 5** Increase the number of pounds by 10% to compensate for shrinkage of the wax.
- 6** Melt the pre-weighed wax in a melting tank achieving a temperature of 290 – 310 degrees Fahrenheit.
- 7** Heat the aluminum mold to approximately 110 degrees Fahrenheit.
- 8** Spray the inside surface of the heated mold with the Silicone Spray Mold Release.
- 9** Pour the melted wax into the mold.
- 10** Cover the aluminum mold using the plywood cover.
- 11** Permit the wax to cool for 24 hours.
- 12** Remove the cover, and permit the wax to cool for another 24 hours.