



natural wax for candlemaking

SOY 120

- ☞ A 100% soybean wax that is ideal for production of container candles only.
- ☞ This wax offers you excellent adhesion and works as a true one pour.
- ☞ Soy 120 is manufactured meeting FDA and Kosher standards.

Heating, Pouring & Cooling

- ☞ Soy 120 should be heated to temperatures of 165 to 180° in water-jacketed heaters, double boilers or in a direct heat wax heater.
- ☞ When using Soy 120 you should always avoid heating the wax for extended period of times. Doing so can discolor the wax.
- ☞ It's also recommended not to take the wax above 200° F. Vegetable waxes can begin to oxidize at elevated temperatures.
- ☞ The recommended pouring temperature is 150° F into a preheated container or jar.
- ☞ Because of the low shrinkage properties of the wax it's only intended for use in jar/container candles.
- ☞ Do not force cool, let the candle solidify at ambient temperatures.
- ☞ Force cooling can cause very undesirable results.

Blending the Soy 120

- ☞ Soy 120 can be used without the addition of other ingredients or additives but Candlewic suggests using palm stearic or beeswax for maximum performance.
 - ☞ The addition of palm stearic, beeswax and palm waxes will help with the overall quality of the waxes and will help the waxes hold and disperse higher fragrance loads.
 - ☞ We suggest blending Palm Stearic at 10-20% and beeswax at 5-15%.
 - ☞ These ingredients can be added before the soy is completely melted or after.
 - ☞ Depending on how you market the wax, the following additives are very effective in the waxes; Vybar 260 and Microcrystallines.
 - ☞ Always use UV stabilizers.
- ## Fragrance & Color
- ☞ Most fragrance oils can be used with soy.
 - ☞ The maximum amount of fragrance the 120 will hold without other ingredients is 3% (1/2 ounce per pound).
 - ☞ Certain oils can be used at higher loads but they will need to be tested on an individual basis.
 - ☞ Most dyes will work well in the soy, we have found that certain liquid dyes can cause undesirable results because of their solvent base.
 - ☞ If using color blocks, buttons or powdered dyes we suggest heating the wax up to 180° and stir vigorously until the color is fully dissolved.
 - ☞ The product does have a slight yellowish tinge so the color does need to be adjusted accordingly.



Benefits of Soy 120

- ☞ Made from 100% homegrown soybeans.
- ☞ Natural/renewable resource
- ☞ Requires no additional additives
- ☞ Only requires one pour, no top off is necessary.
- ☞ Environmentally friendly, 100% biodegradable.
- ☞ Excellent and uniform adhesion to any container wall
- ☞ Product is manufactured meeting FDA standards

For best burn it's strongly suggested that for containers 4" and larger that you use multiple wicks.

The above wicks are only suggestions; it's essential that you test every wick, color and fragrance combination for a quality burn.

2 to 2.5" Containers

- ☞ RRD-29 nst 2 or RRD-34 nst
- ☞ ECO-2 or ECO-4
- ☞ P140/2-30 or P160/4-35
- ☞ CD-8 or CD-10

2.5" to 3" Containers

- ☞ RRD-37 nst 2 or RRD-40 nst 2
- ☞ P180/6-35 or P200/6-35
- ☞ ECO-10 or 12
- ☞ CD-12 or 14

3" to 3.5" Containers

- ☞ RRD-40 nst 2 or RRD-47 nst 2
- ☞ P214/4-40 or P218/2-35
- ☞ ECO 10, 12 or 14
- ☞ CD-14 or 16

3.5 to 4" Containers

- ☞ RRD-47 nst 2 or RRD-55 nst 2
- ☞ ECO-14
- ☞ #2 or #3 Square Braided Wick
- ☞ CD-18 or 20

Wick Selection

Using the correct wick is essential in the Soy 120 for a desirable burn. Soy 120 like many of the natural waxes is very viscous can make the wick selection rather difficult. Candlewic offers a wide array of wicks that work well in the soy. We have assembled the following guidelines to assist you.



The Candlewic Company

825 Easton Road, Doylestown, PA 18901 | 8244 Easton Road, Ottsville, PA 18942
Doylestown, PA: 800-368-3352 | Ottsville: 610-847-3069 | www.candlewic.com