

SPECIFICATIONS

PRODUCT	Soy Wax NatureWax C3 Pellets
CODE	CSC3P
DESCRIPTION	Proprietary blend of hydrogenated vegetable based glycerides derived from soybean with non-hazardous additives

APPLICATIONS	<p>Vegetable-based, ready-to use wax blend developed primarily for use in container candles, where it provides full glass adhesion and fat bloom resistance. Also suitable as a softener for pillar candles.</p> <p>Other uses: paper cup coatings, stationery pencils, color pencils, ink ribbons, mold lubricants, textile finishes, sizing, cord lubricant, metal lubricant, adhesives, thermoplastics resin additive, leather dressing and crayons.</p>
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CHEMICAL & PHYSICAL PROPERTIES	UNIT	LIMIT			METHOD
		Min.	Typical	Max.	
Color Red				2	AOCS Cc 13j-97
Free Fatty Acids as Oleic (282)	%			0,1	AOCS Ca 5a-40
Peroxide value	meg/kg			1,5	AOCS Cd 8b-90
Melting point	°C	51	53	55	AOCS Cc 18-80

<p>BIO-ENGINEERED STATUS</p>	<p>NatureWax® C-3 is produced with non-IP (identity-preserved) soybean oil, commonly referred to as 'genetically modified' (GM). Although GM soybean is used in the manufacturing process, analysis on the presence of genetic material (DNA), modified or not, gave a non-detectable result in the final product. Qualitative Polymerase Chain Reaction (PCR) is the analytical technique used to determine the presence of trace amounts of DNA. Further information is available on request.</p>
<p>PACKAGING & CODING</p>	<p>Lot Code Format The Lot Code is a unique number generated by our sales order system. From this unique number, we are able to trace back through our processing steps within our Quality Control System to the source oil(s).</p>
<p>SHELF LIFE, SHIPPING & STORAGE INFORMATION</p>	<p>Product Shelf Life: 3 years from indicated date. Testing towards the end of the stated shelf-life may permit the shelf-life date to be extended. Please request assistance if this is required.</p> <p>Shipping & Storage Conditions: For ease of use, store at 18-30°C. Protect from extreme heat and cold (temperatures over 32°C and under 5°C).</p>

**HANDLING AND MELTING
INSTRUCTIONS – CONTAINER
CANDLES**

1º Melting of Wax:

The wax should be heated to a temperature of 160 to 200°F (71.1 to 93.3°C) to melt the wax. Do not heat the wax above 200°F (93.3°C). If wax is held at higher temperatures for long periods of time, it will discolor. Always use a thermometer when melting the wax and never leave your heated wax unattended. While the wax is melting, stir the wax regularly to reduce localized heating of the wax. This will help to reduce burning of the wax while heating.

2º Adding of Ingredients (other than Scent and Dye):

Other additives or ingredients may be added at any time to help improve the performance of the wax.

3º Adding Candle Scent and Dye:

The fragrances and dyes should be added to the wax after the wax is completely liquid. Make sure to stir the wax completely to ensure that the fragrances and dyes are completely mixed in.

4º Preparing the Wax for Pouring:

After wax has been completely melted reduce the heat on the wax so that the wax cools to a temperature of 120 to 165°F (48.9 to 73.8°C). This will reduce cracking and discoloration of the wax after it has cooled. Pour Temperature should be matched to ambient room temperature recommendations in the table below for best results.

5º Pouring Candles:

Make sure that the container is at room or slightly warmer before pouring the wax into the container. The wax should be poured in the container while the wax is 120 to 180°F (48.9 to 82.2°C) to reduce cracking and speed up the cure time of the wax. If the wax is to be left in melter overnight, the wax should be stored at a temperature of 130 to 145°F (54.4 to 62.8°C).

Ambient Room Temperature	Wax Pour Temperature
15.6 to 21.1°C	76.7 to 82.2°C
21.1 to 26.7°C	71.1 to 76.7°C
26.7 to 32.2°C	62.8 to 68.3°C

6º Curing of Candles:

The candle should be allowed to cool and cure for at least 12 hours before the candle is burned. This will allow the crystals of the wax completely form giving a nice finish to the candle.

	<p>Notes:</p> <ul style="list-style-type: none"> ✓ Maximum Recommended Fragrance – 6% ✓ A 7 to 10% fragrance loads may be added with the addition of additives to help control the fragrance. ✓ Candles over 3.5 inches in diameter may need to be double wicked to ensure full melt pool. ✓ Works well with liquid or powdered dyes.
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