

J-50

Description	<p>J-50 is a soft, white and opaque blend that is designed for production of container candles only. Its cohesive strength and low shrinkage allow it to offer you one pour behavior in your container candles.</p>
Typical Properties	<p>Congealing Point, ASTM D938 (F) 124 Penetration @ 77 F, ASTM D1321 10 Advantages Single Pour behavior Excellent Fragrance throw</p>
Processing	<p>Processing We suggest heating the J-50 wax to 180-190 degrees F. Don't add any other additives except for UV, additional additives may affect the one pour performance of the wax. Add the color and let the wax cool to 160 degrees F. Candlewic recommends adding the fragrance just before pouring. Prolonged heating of the fragrance may cause degradation of the concentration. Once the fragrance is added fully agitate it and pour it into a preheated jar/container at 160 degrees F and let it cool at ambient temperatures, don't force cool. Force cooling can affect the one pour behavior of the wax.</p> <p>Wick selection</p> <p>There are a wide variety of wicks available on the market. The wick size is going to be sensitive to the candles size, shape, type and amount of color and fragrance used. The J-50 is a blend that has a very high percentage of petrolatum. This makes the wax very viscous which can make the wick selection difficult because it will have the tendency to impede the capillary action of the wick. Cored wicks, HTP, CD, RRD and LX series have all proven effective in the J-50. When manufacturing container candles with diameters larger than 4", double wicking may provide you the best solution.</p>
Recommendations	<p>It is recommend using color that is soluble in wax to prevent undissolved sediment in the wax. This sediment can block the wax flow in the wick and as a result you could get a very poor burning candle. Liquid, powdered, blocks and buttons are typically soluble in waxes. Don't use pigment dyes, they will clog the capillary action of the wick and are only intended be used in over dipping. Each fragrance has its own unique characteristics that may perform differently in waxes. There is correlation between the physical properties of the fragrances and the burn performance of the candle. Typically heavier fragrances will have an adverse effect on your candle's burn. We suggest test burning your fragrance and color combination to ensure you are getting an acceptable burn performance. Many times you will need to adjust the fragrance levels to achieve a desirable burn, the candle maker must decide if the trade off of high fragrance is feasible compared to the burn performance.</p>

Available Form & Packaging

J-50 is available in:
 10# slabs packaged 5 slabs per case.

*Available to be shipped from Doylestown, PA & Elk Grove, IL

*This information is, to Candlewic's knowledge and belief is accurate and reliable. However no representation, warranty or guarantee is made to its accuracy, reliability or completeness.