

Scented Candle Manufacturing

Process controls and development questions for private label candles.

01 A controlled production sequence

02 Develop the wax-wick-vessel system

03 Production and buyer checkpoints

A controlled production sequence

Material review

Confirm wax, fragrance, wick, vessel and label specifications. Record supplier and batch identifiers. Check that each material is intended for the application and that the vessel is suitable for candle use.

Weigh and prepare

Use calibrated equipment and a written batch record. Clean the work area and inspect vessels. Melting, mixing and pouring conditions must follow the chosen material system and validated process.

Blend, fill and cool

Record actual process conditions and quantities. Check mixing uniformity, fill weight and wick positioning. Cooling and conditioning are part of the process; use the approved conditions rather than a universal timetable.

Inspect and release

Check appearance, fill, wick alignment, vessel condition and labels. Release decisions also require the agreed performance testing and traceability records, not visual inspection alone.

Develop the wax-wick-vessel system

Change one variable deliberately

Wax composition, fragrance, fragrance load, wick construction and vessel geometry interact. A change that improves appearance may alter burning behaviour. Keep clear version records for each test.

Do not adopt a generic recipe

The source files contain broad craft recipes. They do not establish a safe commercial formula. Select process limits and fragrance usage from supplier information and finished-product evaluation.

Keep the flame area clear

Do not place dried flowers, herbs, leaves or other combustible decoration near the flame or within the melt pool. Botanical decoration can introduce a fire hazard.

Test the finished configuration

Evaluate the final candle with the actual fragrance, wick, wax, vessel and intended label instructions. Ask the supplier about its test protocol, acceptance criteria and evidence for the destination market.

Production and buyer checkpoints

Incoming components

Confirm material identification, vessel condition, wick consistency and approved artwork. Resolve substitutions before production rather than treating them as equivalent.

In-process checks

Track batch identity, component lots, fill weight, wick positioning and visible defects. Define which deviations stop production and who can approve corrective actions.

Final review

Review packaging integrity, legibility, barcode information where applicable and finished-product test results. Agree inspection sampling and defect categories in the purchase specification.

Consumer instructions

Provide clear use and warning information. National Candle Association guidance includes never leaving a burning candle unattended and keeping it away from flammable objects, children and pets. Product-specific limits must follow the tested candle design.

Useful links & reading notes

Scented Candles

<https://olfay.com/products/scented-candles/>

Capabilities

<https://olfay.com/capabilities/>

Wholesale

<https://olfay.com/wholesale/>

Contact

<https://olfay.com/contact/>

About this guide

An original English synthesis prepared for OLFAY buyers from the supplied Chinese reference collection. It adapts concepts into commercial briefing, evaluation and process questions; it is not a translation of a verified factory procedure or a ready-to-use formulation.

Supplied reference topics: Home Fragrance Production Process; Candle Making Process and Precautions; Chemical Principles of Candle Making.

Safety reference: National Candle Association: candle safety; botanical decoration safety message.

Website links are clickable. Product availability, minimum quantities, lead times and final specifications should be confirmed with OLFAY for your project.

Discuss your home fragrance project

Contact: Eunice

Email: sales@olfay.com

WhatsApp / Phone: +86 186 6270 2170

Website: <https://olfay.com/>