

Waxrex™ 1280

Semi-refined petroleum wax



Energy lives here™

When you're making smooth container candles, you want your wax to be white, odor free, and fast melting. That's why we developed Waxrex 1280, a new specialty semi-refined petroleum wax specifically designed to help you more easily create exquisite, fragrant candles that your customers will enjoy. Engineered with low melt properties to produce smooth container candles, Waxrex 1280 also can be used for prilled and compression applications when combined with other waxes or additives.

Industry leadership

For more than 50 years, ExxonMobil has set the standard in technology leadership in the wax industry. Waxrex 1280 extends that heritage of innovation. This breakthrough product has undergone considerable testing to provide outstanding performance. And, as with all ExxonMobil wax products, you can count on state-of-the-art supply reliability and consistent quality due to our exceptional manufacturing capabilities and distribution network.

“During the development of Waxrex 1280, our team conducted extensive testing in areas of wick type, jar sizes, burn cycles, fragrance loads, and dye incorporation. Through significant investments in equipment, lab space, and time, we've acquired a deep understanding of what is important for premium candle makers in order to provide the best product in the marketplace.”

—Elizabeth Turner, Ph.D.
Chemistry Lead Researcher
for Waxrex 1280

High-performance benefits

Creates a beautiful appearance

White and odor free, Waxrex 1280 is designed to help you produce an impeccable non-mottled candle — ideal for smooth formulations.*

Fast melting

Waxrex 1280 is engineered with low melt properties to melt quickly and easily across the entire container.

Creates efficiencies and cost savings

By eliminating the need for expensive whiteners, Waxrex 1280 simplifies the manufacturing process and supply chain, potentially reducing costs.

Provides exceptional quality

Extensive testing ensures reliable product integrity you can rely on for consistent performance.

Smooth appearance

Below is a photograph of a smooth candle that was formulated using Waxrex 1280.*



Extensive testing

Waxrex 1280 has undergone thorough testing in ExxonMobil labs to ensure reliable performance.



Low-temperature optical microscopy aids in understanding smooth wax crystallization behavior.



A standardized internal appearance test has been used extensively to assess quality attributes such as adhesion, frosting, and top shrinkage.



A custom-designed burn chamber provides a controlled environment to evaluate a candle's burning characteristics.

For more information on Waxrex™ 1280 or any of our outstanding ExxonMobil wax products, contact your local ExxonMobil sales representative or visit exxonmobil.com/en/wax.

* Results depend on several variables, such as additives and the candle maker's formulations, and are therefore not guaranteed.

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