



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Data Sheet of Fully Refined Candle wax 0.5% oil content

Specification	Test method	Results
Oil content	ASTM D-721	Max 0.5%
Flash point	ASTM D-92	Minimum 250 °C
Melting point	ASTM D-97	58 °C
Color (Lovibond)	IP 17	0.1Y
Viscosity @ 100 °C	ASTM D-445	4-5 cSt
Congeeing point	ASTM D-938	56 °C
Needle Penetration	ASTM D-1321	14 (0.1 mm)

Key Characteristics

- High Purity:**
Contains less than 0.5% oil, ensuring a clean burn and smooth finish in products like candles and cosmetics.
Free from impurities, making it suitable for use in food-grade applications.
- Appearance:**
White and translucent in solid form, with a glossy surface.
Retains its color and texture under standard conditions.
- Odorless and Tasteless:**
Perfect for applications where neutral properties are required, such as food coatings or therapeutic products.
- Melting Point:**
Typically ranges between 58°C and 60°C (136°F to 140°F), making it suitable for molding and shaping.
- Performance:**
Provides excellent hardness and stability.
Burns cleanly, with minimal soot or smoke, in candle applications.



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