



Paraffin Wax 5–8% – Technical Data and Applications

Description

Paraffin Wax 5–8% is a petroleum-based product derived from slack wax through deoiling and decoloring processes. The percentage of oil content defines its grade, and this specific type contains between 5–8% oil. The refining process and the type of oil cut used determine the quality and performance of the wax. Our company ensures that every grade meets required quality standards to support diverse client needs.

Technical Specifications

Test	Method	Value
Color (Lovibond) cell 1"	IP17	Max 0.5
Specific Gravity @ 25 °C	ASTM D1298	0.78 – 0.85
Oil Content (% wt)	ASTM D721	5 – 8
Viscosity @ 100 °C (est)	ASTM D445	6 – 7
Congealing Point (°C)	ASTM D938	60 – 63
Drop Melting Point (°C)	ASTM D127	60 – 64
Penetration 0.1 mm @ 25 °C	ASTM D1321	40 – 60
Flash Point (°C)	ASTM D92	Min 230
Acidity & Alkalinity	BP 2020	Passed

Information

Paraffin Wax 5–8% is part of the broader paraffin wax family, produced in both **light** and **heavy** grades. Variations in oil content (0.5%, 1–3%, 3–5%, 5–8%) allow different industries to select the most suitable grade for their processes. This 5–8% grade provides higher oil content, making it ideal for applications where flexibility, workability, or surface finish is prioritized.





Applications

Paraffin Wax 5–8% has a wide range of uses, including:

1. Candle making
2. Coating for wax paper
3. Hygiene and cosmetics
4. Therapeutic products
5. Moisturizers in creams and lotions
6. Lubricant manufacturing
7. Food industry applications
8. Coloring for decorative items
9. Filling gaps in concrete and rails

Packing

- **Form:** Slabs ($46 \times 31 \times 23$ cm)
- **Weight:** Approx. 25 kg per box
- **Protection:** Each slab packed in a plastic bag inside a carton

