



## TECHNICAL DATA SHEET (TDS)

### Paraffin Wax – Grade 1–3% Oil Content

Property	Specification
Product Name	Paraffin Wax
Grade	Semi-Refined
Oil Content	1.0 – 3.0 wt%
Appearance	White to off-white solid
Odor	Odorless
Form	Slabs / Granules / Pastilles
Melting Point	54 – 60 °C
Congealing Point	52 – 58 °C
Penetration @ 25 °C	18 – 25 dmm
Kinematic Viscosity @ 100 °C	3.5 – 5.5 cSt
Flash Point (COC)	Minimum 180 °C
Color (Saybolt)	+18 minimum
Oil Solubility	Soluble in hydrocarbons
Water Solubility	Insoluble
Density @ 25 °C	Approx. 0.88 g/cm <sup>3</sup>
Volatility	Very low
Ash Content	Max 0.01 wt%



## Test Methods (ASTM)

Test	Standard
Melting Point	ASTM D87
Oil Content	ASTM D721
Penetration	ASTM D1321
Flash Point	ASTM D92
Color	ASTM D156
Density	ASTM D4052

## Applications

- Candle manufacturing
- Packaging and paper coating
- Rubber and tire processing
- Cosmetics and personal care (non-medical)
- PVC lubrication
- Match, board, and textile coating

## Packaging

- 25 kg carton box
- 50 kg slab
- Jumbo bags available upon request

## Storage

- Store in a cool, dry place
- Keep away from direct sunlight and heat sources
- Shelf life: **minimum 24 months** under proper conditions