



TDS: Paraffin Wax 1-3%

Technical Data Sheet

Product Name: Paraffin Wax 1-3%

Alternative Name: Semi Refined Paraffin Wax 1-3%

Product Type: Semi refined petroleum wax

CAS Number: 8002-74-2

Appearance: White to off-white solid wax

Form: Slab, block, granule, or carton-packed wax

Typical Oil Content: 1% – 3%

Main Use: Candles, packaging, rubber, coatings, matches, textile, polish, wood board, and industrial blends

Product Description

Paraffin Wax 1-3% is a semi refined hydrocarbon wax with controlled oil content and stable melting behavior. Manufacturers use this grade when they need a balance between quality, performance, and cost. Semi Refined Paraffin Wax 1-3% gives good hardness, smooth melting, water resistance, and blending ability for many industrial applications.

Typical Technical Properties

| Property | Typical Value |
|---------------------|--------------------------------------|
| Oil Content | 1% – 3% |
| Melting Point | 58°C – 62°C |
| Color | White to off-white |
| Odor | Mild / characteristic |
| Physical State | Solid at room temperature |
| Penetration at 25°C | 12 – 20 dmm |
| Viscosity at 100°C | 4 – 7 cSt |
| Flash Point | Above 200°C |
| Water Content | Max 0.5% |
| Ash Content | Max 0.05% |
| Solubility in Water | Insoluble |
| Packing | Carton, bag, pallet, or as requested |



Applications

Semi Refined Paraffin Wax 1-3% is suitable for:

- Candle production
- Paper and cardboard coating
- Rubber and tire processing
- Textile finishing
- Leather treatment
- Polish and surface protection
- Matches and fire starters
- Wood board and MDF production
- Waterproofing compounds
- Industrial wax blends

Storage

Store Paraffin Wax 1-3% in a cool, dry, covered, and well-ventilated area. Keep it away from direct sunlight, dust, moisture, strong heat, and open flame. Keep the packaging closed until use.

Shelf Life

Typical shelf life is **24 months** under proper storage conditions.

Packaging

Common packaging includes:

- 25 kg cartons
- 25 kg bags
- Palletized cartons
- Custom export packing by request

Quality Note

The values above are typical and may vary by batch, melting point range, refinery source, and buyer specification. Final commercial orders should use the supplier's official Certificate of Analysis.