



Technical Data Sheet (TDS) – Paraffin Wax 3–5%

Property	Specification	Test Method
Product Name	Paraffin Wax 3–5%	—
Oil Content	3.0 – 5.0 % wt	ASTM D721
Appearance	White to slightly yellow solid	Visual
Odor	Mild, characteristic	Organoleptic
Melting Point	52 – 58 °C	ASTM D87
Penetration at 25 °C	18 – 25 dmm	ASTM D1321
Viscosity at 100 °C	4.0 – 5.5 cSt	ASTM D445
Color (Saybolt)	+18 minimum	ASTM D156
Flash Point	> 200 °C	ASTM D92
Solubility	Insoluble in water, soluble in hydrocarbons	—
Molecular Nature	Saturated hydrocarbons	—
Density at 20 °C	Approx. 0.90 g/cm³	ASTM D4052
Thermal Stability	Stable under normal conditions	—
Shelf Life	Minimum 24 months	—
Packaging	Slab, carton, jumbo bag	—

Typical Applications:

Candle manufacturing, paper coating, packaging, cosmetics, rubber processing, matches, fireworks, waterproofing, industrial coatings.