Technical Data Sheet

Light Paraffin 1

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Product Description

Light Paraffin 1 is a paraffin wax obtained from the petroleum refining process and is mainly composed of a mixture of straightchain saturated hydrocarbons. At room temperature, the product is a white, waxy solid with little to no odor. It provides good resistance to moisture and exhibits desirable insulating properties. Light Paraffin 1 is insoluble in water but can dissolve in many organic and hydrocarbon solvents at suitable temperatures.

Application Areas

Light Paraffin 1 is used in the candle, cosmetics and personal care, rubber and plastics, PVC, textile, protective coating, and lubricant industries. Due to its good moldability, controlled melting behavior, and softening and protective properties, it is widely used in various industrial formulations and personal care products.

Benefits

- White, waxy appearance
- Low odor or practically odorless
- Good stability under normal storage and application conditions
- Good insulating properties and resistance to moisture
- Suitable for a wide range of industrial applications
- Good compatibility with various waxes, oils, and hydrocarbon-based compounds

Packaging & Shelf Life

The product is supplied in 1 kg and 5 kg molded blocks.

Store in a dry place, away from direct sunlight, and keep the product in its original, tightly sealed packaging.

When stored properly at temperatures between 5°C and 27°C (41°F to 80°F), the product is guaranteed for 24 months.

Product Specification

Property	Unit	Value	Method/Standard
Appearance	-	White solid	Visual
Odor	-	Odorless	-
Specific Gravity at 23°C	g/cm^3	0.85–0.88	ASTM D1298
Oil Content	%	1	ASTM D721
Drop Melting Point	°C	50-56	ASTM D127
Flash Point	°C	220-235	ASTM D92

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