Technical Data Sheet

Heavy Paraffin 1

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Product Description

Paraffin wax is a hard, odorless, white, waxy solid at room temperature, consisting mainly of a mixture of solid straight-chain hydrocarbons. It is obtained from petroleum refining processes. Paraffin wax is practically insoluble in water and ethanol but readily soluble in methylene chloride.

Application Areas

Paraffin wax can be used in candle manufacturing, cosmetics and personal care products such as creams, lotions, lip balms, perfumes, antiperspirants, facial care products, and beauty masks, as well as in textiles, wood finishing materials, and household products. It is also used in the production of lubricants for mechanical components such as chains and as an external lubricant in PVC processing. In addition, paraffin wax is used in the manufacture of other lubricants and greases. Due to its ability to retain its shape and appearance, melt gradually, and provide a long-lasting effect, paraffin is particularly suitable for candle manufacturing and massage products, where it may be used at high concentrations or in pure form.

Benefits

- Stability across different temperatures
- Excellent insulating and protective properties
- Odorless
- Moderate oil content
- Suitable for various applications
- Long service life

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	0.87–0.90	ASTM D1298
Oil Content	%	1	ASTM D721
Drop Melting Point	°C	58–63	ASTM D127
Flash Point	°C	235–240	ASTM D92

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