

# Paraffin Wax

## Company Detail

We - Rabin International Trading Company- are a trading company in Iran. We have been active in the market and are considered as one of the most influential and with high availability of different products in Iran. One of our interested products is paraffin wax.

## Description

Paraffin wax is a white or colorless soft solid derivable from petroleum, coal or oil shale, that consists of a mixture of hydrocarbon molecules containing between twenty and forty carbon atoms. It is solid at room temperature and begins to melt above approximately 37 °C (99 °F); its boiling point is >370 °C (698 °F). Common applications for paraffin wax include lubrication, electrical insulation, and candles. It is distinct from kerosene, another petroleum product that is sometimes called paraffin.

In chemistry, paraffin is used synonymously with alkane, indicating hydrocarbons with the general formula  $C_nH_{2n+2}$ . The name is derived from Latin parum ("barely") + affinis, meaning "lacking affinity" or "lacking reactivity", referring to paraffin's unreactive nature.

## Quality Specification ( Rerun )

Specification	Value
Kin vis at %Wt	6 - 7.5
Oil content	1.5% Max
Melting point, °C	60 – 68
Color ( Max )	1.5

## Quality Specification ( Slab )

CHARACTERISTIC	SPECIFICATION
ITEM / DESCRIPTION	PARRAFIN WAX
ORIGIN	IRAN
BRAND	PARS OIL
FROM	SOLID
ODOUR	ODOURLESS / WITHOUT SMELL
COLOR	WHITE
MELTING POINT	60 – 66 °C Max
OIL CONTENT	1.5 % Max
KINEMATIC VISCOSITY AT 100°C	6.5-7
RI ( AT 70°C )	1.44210

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