



VIRA GROUP

# PARAFFIN WAX



VIRAPOL



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# PARAFFIN WAX

Paraffin wax is a white or colorless soft solid derived from petroleum, coal, or shale oil, consisting of a mixture of hydrocarbon molecules. It is commonly used in a wide range of applications, including candle making, where it serves as the primary material, and in cosmetics for skin-softening treatments such as paraffin baths.



In industrial settings, paraffin wax is used as a lubricant, moisture barrier, and in coatings for food packaging. Additionally, it plays a role in creating waterproofing products and is used in the manufacturing of polishes and electrical insulation materials.



# PARAFFIN WAX (0.5 - 1%)

## SPECIFICATION SHEET



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TEST	TEST METHOD	VALUE
Color (Iovibond) cell 1"	IP17	0.1 - 0.3
Sp. gravity @ 25 °C	ASTM D1298	0.82 - 0.84
Oil content (% wt)	ASTM D 721	0.5 - 1.5
Viscosity @ 100 (cst)	ASTM D445	3.8 - 4.2
Congealing Point (°C)	ASTM D938	57 - 60
Drop melting point (°C)	ASTM D127	60 - 62
Penetration 0.1 mm @ 25 °C	ASTM D1321	10 - 20
Flash point (°C)	ASTM D92	190 - 210
Acidity & Alkalinity	BP 2020	Passed



### INFORMATION

Paraffin Wax is a petroleum substance that is obtained from the processing of slack wax products after deoiling and decoloring procedures, which is being produced with the oil percentages of 0.5%, 1-3%, 3-5%, 5-8% in two groups of heavy and light paraffin wax.

### APPLICATIONS

- 1- Candle Making
- 2- Coating for wax paper
- 3- Hygienic & Cosmetics
- 4- Therapeutic purposes
- 5- Moisturizers in cosmetics
- 6- Making lubricants
- 7- Food industry
- 8- Various & beautiful colors
- 9- For concrete gap & rails
- 10- Foundry industries

### PACKING

Slabs (46 \* 31 \*23 cm)

In boxes (app.25 kg)

Paraffin wax packed in one plastic bag in carton.

# PARAFFIN WAX (1 - 3 %)

## SPECIFICATION SHEET



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TEST	TEST METHOD	VALUE
Color (lovibond) cell 1"	IP17	Max 0.3
Sp. gravity @ 25 °C	ASTM D1298	0.78 - 0.85
Oil content (% wt)	ASTM D 721	1 - 3
Viscosity @ 100 (cst)	ASTM D445	6 - 8
Congealing Point (°C)	ASTM D938	62 - 68
Drop melting point (°C)	ASTM D127	65 - 70
Penetration 0.1 mm @ 25 °C	ASTM D1321	10 - 35
Flash point (°C)	ASTM D92	Min 240
Acidity & Alkalinity	BP 2020	Passed



### INFORMATION

Paraffin Wax is a petroleum substance that is obtained from the processing of slack wax products after deoiling and decoloring procedures, which is being produced with the oil percentages of 0.5%, 1-3%, 3-5%, 5-8% in two groups of heavy and light paraffin wax.

### APPLICATIONS

- 1- Candle Making
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- 7- Food industry
- 8- Various & beautiful colors
- 9- For concrete gap & rails
- 10- Foundry industries

### PACKING

Slabs (46 \* 31 \* 23 cm)

In boxes (app.25 kg)

Paraffin wax packed in one plastic bag in carton.

# PARAFFIN WAX (3 - 5 %)

## SPECIFICATION SHEET



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TEST	TEST METHOD	VALUE
Color (Iovibond) cell 1"	IP17	Max 0.5
Sp. gravity @ 25 °C	ASTM D1298	0.78 - 0.85
Oil content (% wt)	ASTM D 721	3 - 5
Viscosity @ 100 (cst)	ASTM D445	6 - 7
Congealing Point (°C)	ASTM D938	62 - 65
Drop melting point (°C)	ASTM D127	60 - 68
Penetration 0.1 mm @ 25 °C	ASTM D1321	30 - 40
Flash point (°C)	ASTM D92	Min 230
Acidity & Alkalinity	BP 2020	Passed



### INFORMATION

Paraffin Wax is a petroleum substance that is obtained from the processing of slack wax products after deoiling and decoloring procedures, which is being produced with the oil percentages of 0.5%, 1-3%, 3-5%, 5-8% in two groups of heavy and light paraffin wax.

### APPLICATIONS

- 1- Candle Making
- 2- Coating for wax paper
- 3- Hygienic & Cosmetics
- 4- Therapeutic purposes
- 5- Moisturizers in cosmetics
- 6- Making lubricants
- 7- Food industry
- 8- Various & beautiful colors
- 9- For concrete gap & rails
- 10- Foundry industries

### PACKING

Slabs (46 \* 31 \* 23 cm)

In boxes (app. 25 kg)

Paraffin wax packed in one plastic bag in carton.

# PARAFFIN WAX (5 - 8 %)

## SPECIFICATION SHEET



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### INFORMATION

Paraffin Wax is a petroleum substance that is obtained from the processing of slack wax products after deoiling and decoloring procedures, which is being produced with the oil percentages of 0.5%, 1-3%, 3-5%, 5-8% in two groups of heavy and light paraffin wax.

### APPLICATIONS

- 1- Candle Making
- 2- Coating for wax paper
- 3- Hygienic & Cosmetics
- 4- Therapeutic purposes
- 5- Moisturizers in cosmetics
- 6- Making lubricants
- 7- Food industry
- 8- Various & beautiful colors
- 9- For concrete gap & rails
- 10- Foundry industries

### PACKING

Slabs (46 \* 31 \*23 cm)

In boxes (app.25 kg)

Paraffin wax packed in **one plastic bag in carton.**

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1"	IP17	Max 0.5
Sp. gravity @ 25 °C	ASTM D1298	0.78 - 0.85
Oil content (% wt)	ASTM D 721	3 - 5
Viscosity @ 100 (cst)	ASTM D445	6 - 7
Congealing Point (°C)	ASTM D938	62 - 65
Drop melting point (°C)	ASTM D127	60 - 68
Penetration 0.1 mm @ 25 °C	ASTM D1321	30 - 40
Flash point (°C)	ASTM D92	Min 230
Acidity & Alkalinity	BP 2020	Passed

# Chlorinated Paraffin

## SPECIFICATION SHEET



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## Technical Data Sheet

NO.	Characteristics	Unit	Product	Reference-Test Method
1	Chlorine content	Wt.%	50-52	IS 14426
2	Color	Hazen	Max 125	IS 14426
3	Volatile loss (after 3 h at 130 °C)	Wt.%	Max 0.6	IS 14426
4	Viscosity	cSt	500-1000	IS 14426
5	Density at 27 °C	g/mL	1.29±0.1	IS 14426



### Information:

**Physical Properties:** Chlorinated paraffins are homogenous substances in terms of physical properties. These compounds are colourless or pale yellow, amber yellow, or honey yellow liquids. They are soluble in organic compounds except for ethanol and water.

**Applications:** Chlorinated paraffins refer to a group of industrial

### APPLICATIONS:

1. Plastic and Rubber Industry
2. Lubricants and Industrial Oils
3. Paints and Coatings Industry
4. Textile Industry
5. Fire-Resistant Products
6. Leather Industry

### PACKING :

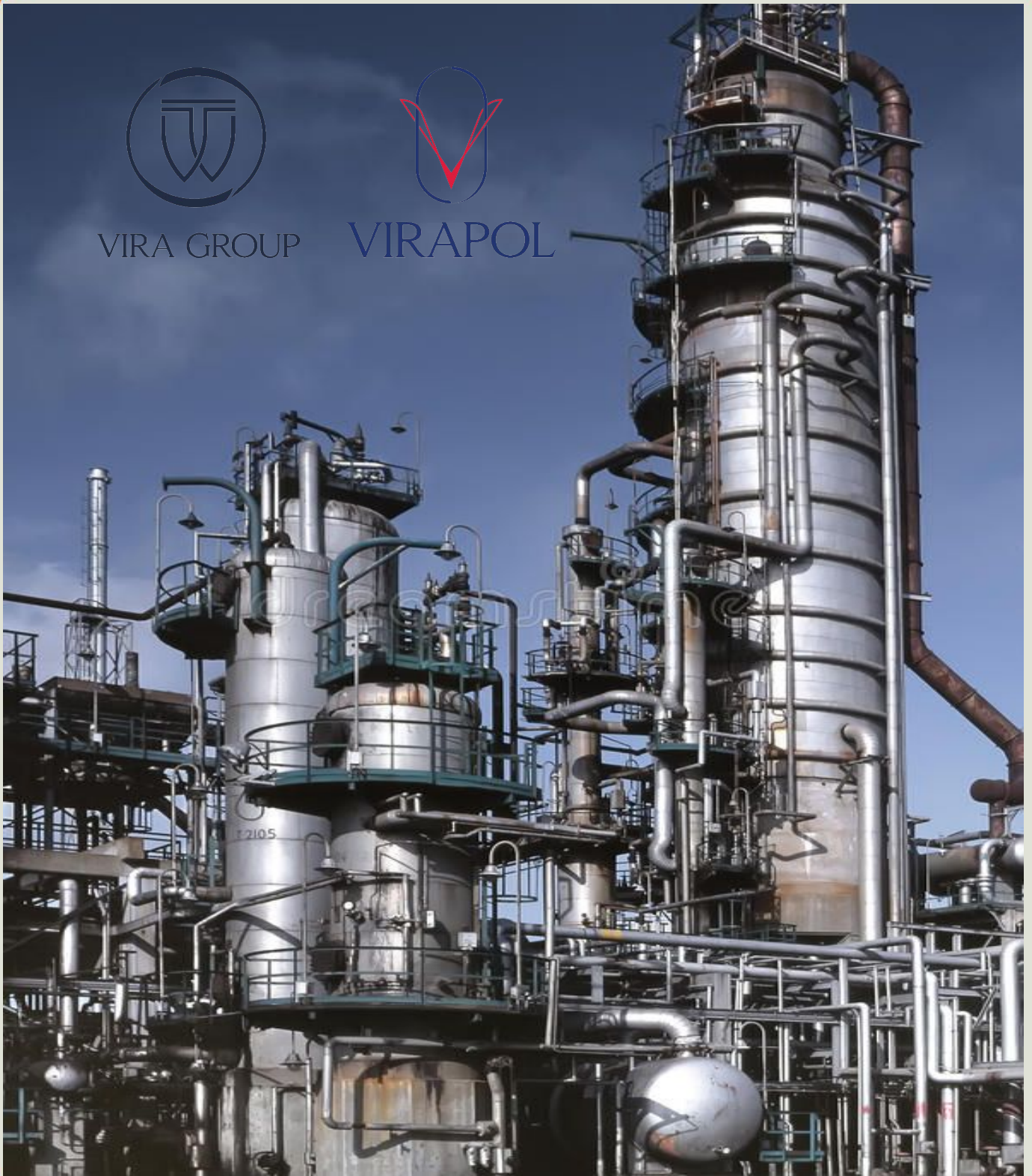
IBC & Plastic Drum



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