

PARAFFIN WAX

Catalog and Specification sheets



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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 material





PARAFFIN WAX

(0.5 - %1)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

- Candle Making
- Coating for wax paper
- Hygienic & Cosmetics
- Therapeutic purposes
- Moisturizers in cosmetics
- Making lubricants
- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a carton.

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.1 - 0.3
Sp. gravity @ 25 °C	ASTM D1298	0.82 - 0.84
Oil content (% wt)	ASTM D721	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



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PARAFFIN WAX Light (1 - %2)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

- Candle Making
- Coating for wax paper
- Hygienic & Cosmetics
- Therapeutic purposes
- Moisturizers in cosmetics
- Making lubricants
- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a carton.

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.1 Y
Sp. gravity @ 25 °C	ASTM D1298	0.81 - 0.85
Oil content (% wt)	ASTM D721	1- 2
Flash point (°C)	ASTM D92	220-245
Congealing Point (°C)	ASTM D938	57
Drop melting point (°C)	ASTM D127	58 - 60



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PARAFFIN WAX

Heavy (1 - %2)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

- Candle Making
- Coating for wax paper
- Hygienic & Cosmetics
- Therapeutic purposes
- Moisturizers in cosmetics
- Making lubricants
- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a carton.

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	Max 0.1
Flash point (°C)	ASTM D92	220-240
Oil content (% wt)	ASTM D721	1- 2
Viscosity @ 100 cSt	ASTM D445	6 - 7.5
Penetration 0.1 mm @ 25 °C	ASTM D1321	25 - 30
Drop melting point (°C)	ASTM D127	64 - 66



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PARAFFIN WAX

(1 - %3)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

- Candle Making
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- Therapeutic purposes
- Moisturizers in cosmetics
- Making lubricants
- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a carton.

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 D721	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



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PARAFFIN WAX

(3 - %5)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

- Candle Making
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- Hygienic & Cosmetics
- Therapeutic purposes
- Moisturizers in cosmetics
- Making lubricants
- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a 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 D721	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



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PARAFFIN WAX

Light(5 - %7)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

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- Moisturizers in cosmetics
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- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a carton.

TEST	TEST METHOD	VALUE
Sp. gravity @ 25 °C	ASTM D1298	0.8-0.82
Oil content (% wt)	ASTM D721	5-7
Viscosity @ 100 cSt	ASTM D445	4-5
Congealing Point (°C)	ASTM D938	54-56
Drop melting point (°C)	ASTM D127	55-57
Penetration 0.1 mm @ 25 °C	ASTM D1321	30-60
Flash point (°C)	ASTM D92	Min 210



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PARAFFIN WAX

(5 - %8)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

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- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a 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 D721	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



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PARAFFIN WAX (8 - %10)

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 %8–5 ,%5–3 ,%3–1 ,%0.5 in two groups of heavy and light paraffin wax.

Applications

- Candle Making
- Coating for wax paper
- Hygienic & Cosmetics
- Therapeutic purposes
- Moisturizers in cosmetics
- Making lubricants
- Food industry
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Slabs: 23 × 31 × 46 cm
- In boxes: (app. 25 kg)
- Paraffin wax packed in one plastic bag in a carton.

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.5
Flash point (°C)	ASTM D92	230
Oil content (% wt)	ASTM D721	8-10
Viscosity @ 100 cSt	ASTM D445	4.5-5.5
Drop melting point (°C)	ASTM D127	57



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LIQUID PARAFFIN WAX

Liquid paraffin (liquid paraffin wax) or mineral oil, also called white oil, is a type of liquid that is obtained from the distillation of petroleum derivatives and has been refined and purified.

This oil is white or transparent in color, boils at 175 degrees Celsius and evaporates at 265 degrees Celsius. It is widely used in the cosmetics, medical, and industrial industries.

What is the difference between liquid paraffin and solid paraffin?

Liquid paraffin, as its name suggests, is a flammable liquid and has no color or odor.





LIQUID PARAFFIN WAX (INDUSTRIAL)

Information

This type of mineral oil, also called kerosene, kerosene, fuel oil, and lamp oil, has more impurities than the sanitary type and has a smell similar to diesel. This oil is used to lubricate industrial machines.

Applications

- Production of insecticides
- Casting industries
- Cable manufacturing
- Infrared spectroscopy
- Manufacturing air filters
- Making lubricants
- making pesticides
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Drums

TEST	TEST METHOD	VALUE
Color	ASTM D-156	25 < X < 30
Flash point (°C)	ASTM D92	190-210
Relative Density (g/ml)	BP 2015	0.835
Drop melting point (°C)	ASTM D127	58 - 60



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LIQUID PARAFFIN (COSMETIC)

Information

This type of mineral oil, also called kerosene, kerosene, fuel oil, and lamp oil, has more impurities than the sanitary type and has a smell similar to diesel. This oil is used to lubricate industrial machines.

Applications

- Production of insecticides
- Casting industries
- Cable manufacturing
- Infrared spectroscopy
- Manufacturing air filters
- Making lubricants
- making pesticides
- Various & beautiful colors
- For concrete gap & rails
- Foundry industries

Packaging

- Drums

TEST	TEST METHOD	VALUE
Color	ASTM D-156	30
Flash point (° C)	ASTM D92	190-200
Relative Density (g/ml)	BP 2015	0.835
Pour point (° C)	ASTM D97	0 - 4
Polycyclic Aromatic	BP 2017	<1
Kinematic Viscosity@40 (° C)	BP 2017	18-22



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Chlorinated Paraffin

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

- Plastic and Rubber Industry
- Lubricants and Industrial Oils
- Paints and Coatings Industry
- Textile Industry
- Fire-Resistant Products
- Leather Industry

Packaging

- IBC & Plastic Drum

Characteristics	Unit	Product	Reference Test Method
Chlorine content	Wt.%	52–50	IS 14426
Color	Hazen	Max 125	IS 14426
Volatile loss (after 3 h at 130 °C)	Wt.%	Max 0.6	IS 14426
Viscosity	cSt	500 - 1000	IS 14426
Density at 27 °C	g/mL	1.29 ± 0,1	IS 14426



VASELINE (PETROLEUM JELLY)

Vaseline or petroleum jelly is a semi-solid, oily compound obtained from the careful refining of crude oil. This substance is colorless, odorless, and tasteless and has wide applications in various industries due to its protective and moisturizing properties.

Structure and Properties:

Vaseline is composed of a mixture of long-chain hydrocarbons and has a low melting point. Its structure is such that it prevents moisture evaporation and acts as a protective barrier.





Vaseline (Petroleum Jelly)

Information

SUPER ULTRA SNOW WHITE PETROLEUM JELLY

- Pharmaceutical Grade (BP/USP): Suitable for the pharmaceutical and cosmetic industries with the highest level of purification and purity.
- Cosmetic Grade: Suitable for use in health and beauty products, light in color and odorless.
- Industrial Grade: Suitable for industrial use with a slightly darker color and high viscosity.

Applications

- Cosmetics (creams, ointments, lip balms, etc.)
- Pharmaceutical (ointment base, skin softener)
- Industrial (lubricating parts, protecting metals from rust)
- Livestock and poultry (preventing dryness and cracking in livestock skin)

Packaging

- Steel drums with:
- capacities of 175 kg & 50 kg
- Plastic drums with:
- capacities of 175 kg & 50 kg

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.1- 0.3
Sp. gravity @ 25 °C	ASTM D1298	0.79 - 0.84
Viscosity @ 100 cSt	ASTM D445	4.5-6
Congealing Point (°C)	ASTM D938	52-56
Drop melting point (°C)	ASTM D127	56-62
Penetration 0.1 mm @ 25 °C	ASTM D1321	110-140
Flash point (°C)	ASTM D92	Min 200
Acidity & Alkalinity	BP 2020	Passed



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Vaseline (Petroleum Jelly)

Information

ULTRA SNOW WHITE PETROLEUM JELLY

- Pharmaceutical Grade (BP/USP): Suitable for the pharmaceutical and cosmetic industries with the highest level of purification and purity.
- Cosmetic Grade: Suitable for use in health and beauty products, light in color and odorless.
- Industrial Grade: Suitable for industrial use with a slightly darker color and high viscosity.

Applications

- Cosmetics (creams, ointments, lip balms, etc.)
- Pharmaceutical (ointment base, skin softener)
- Industrial (lubricating parts, protecting metals from rust)
- Livestock and poultry (preventing dryness and cracking in livestock skin)

Packaging

- Steel drums with:
- Plastic drums with:
- capacities of 175 kg & 50 kg
- capacities of 175 kg & 50 kg

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.3- 0.5
Sp. gravity @ 25 °C	ASTM D1298	0.79 - 0.84
Viscosity @ 100 cSt	ASTM D445	4.5-6
Congealing Point (°C)	ASTM D938	50-54
Drop melting point (°C)	ASTM D127	56-61
Penetration 0.1 mm @ 25 °C	ASTM D1321	110-150
Flash point (°C)	ASTM D92	Min 200
Acidity & Alkalinity	BP 2020	Passed



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Vaseline (Petroleum Jelly)

Information

SNOW WHITE PETROLEUM JELLY

- Pharmaceutical Grade (BP/USP): Suitable for the pharmaceutical and cosmetic industries with the highest level of purification and purity.
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- Industrial Grade: Suitable for industrial use with a slightly darker color and high viscosity.

Applications

- Cosmetics (creams, ointments, lip balms, etc.)
- Pharmaceutical (ointment base, skin softener)
- Industrial (lubricating parts, protecting metals from rust)
- Livestock and poultry (preventing dryness and cracking in livestock skin)

Packaging

- Steel drums with:
- capacities of 175 kg & 50 kg
- Plastic drums with:
- capacities of 175 kg & 50 kg

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.5- 0.7
Sp. gravity @ 25 °C	ASTM D1298	0.79 - 0.84
Viscosity @ 100 cSt	ASTM D445	4.5-5.5
Congealing Point (°C)	ASTM D938	50-54
Drop melting point (°C)	ASTM D127	54-60
Penetration 0.1 mm @ 25 °C	ASTM D1321	115-140
Flash point (°C)	ASTM D92	Min 200
Acidity & Alkalinity	BP 2020	Passed



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Vaseline (Petroleum Jelly)

Information

WHITE PETROLEUM JELLY

- Pharmaceutical Grade (BP/USP): Suitable for the pharmaceutical and cosmetic industries with the highest level of purification and purity.
- Cosmetic Grade: Suitable for use in health and beauty products, light in color and odorless.
- Industrial Grade: Suitable for industrial use with a slightly darker color and high viscosity.

Applications

- Cosmetics (creams, ointments, lip balms, etc.)
- Pharmaceutical (ointment base, skin softener)
- Industrial (lubricating parts, protecting metals from rust)
- Livestock and poultry (preventing dryness and cracking in livestock skin)

Packaging

- Steel drums with:
- capacities of 175 kg & 50 kg
- Plastic drums with:
- capacities of 175 kg & 50 kg

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	0.7-1
Sp. gravity @ 25 °C	ASTM D1298	0.79 - 0.84
Viscosity @ 100 cSt	ASTM D445	4.5-6
Congealing Point (°C)	ASTM D938	48-52
Drop melting point (°C)	ASTM D127	54-58
Penetration 0.1 mm @ 25 °C	ASTM D1321	110-150
Flash point (°C)	ASTM D92	Min 200
Acidity& Alkalinity	BP 2020	Passed



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Vaseline (Petroleum Jelly)

Information

PETROLEUM JELLY

- Pharmaceutical Grade (BP/USP): Suitable for the pharmaceutical and cosmetic industries with the highest level of purification and purity.
- Cosmetic Grade: Suitable for use in health and beauty products, light in color and odorless.
- Industrial Grade: Suitable for industrial use with a slightly darker color and high viscosity.

Applications

- Cosmetics (creams, ointments, lip balms, etc.)
- Pharmaceutical (ointment base, skin softener)
- Industrial (lubricating parts, protecting metals from rust)
- Livestock and poultry (preventing dryness and cracking in livestock skin)

Packaging

- Steel drums with:
- capacities of 175 kg & 50 kg
- Plastic drums with:
- capacities of 175 kg & 50 kg

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	1-1.5
Sp. gravity @ 25 °C	ASTM D1298	0.79 - 0.84
Viscosity @ 100 cSt	ASTM D445	4.5-5
Congealing Point (°C)	ASTM D938	48-52
Drop melting point (°C)	ASTM D127	54-58
Penetration 0.1 mm @ 25 °C	ASTM D1321	110-150
Flash point (°C)	ASTM D92	Min 200
Acidity & Alkalinity	BP 2020	Passed



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Vaseline (Petroleum Jelly)

Information

LEMON PETROLEUM JELLY

- Pharmaceutical Grade (BP/USP): Suitable for the pharmaceutical and cosmetic industries with the highest level of purification and purity.
- Cosmetic Grade: Suitable for use in health and beauty products, light in color and odorless.
- Industrial Grade: Suitable for industrial use with a slightly darker color and high viscosity.

Applications

- Cosmetics (creams, ointments, lip balms, etc.)
- Pharmaceutical (ointment base, skin softener)
- Industrial (lubricating parts, protecting metals from rust)
- Livestock and poultry (preventing dryness and cracking in livestock skin)

Packaging

- Steel drums with:
- capacities of 175 kg & 50 kg
- Plastic drums with:
- capacities of 175 kg & 50 kg

TEST	TEST METHOD	VALUE
Color (lovibond) cell 1	IP17	2≥
Sp. gravity @ 25 °C	ASTM D1298	0.79 - 0.84
Viscosity @ 100 cSt	ASTM D445	4.4-4.8
Congearing Point (°C)	ASTM D938	48-50
Drop melting point (°C)	ASTM D127	54-58
Penetration 0.1 mm @ 25 °C	ASTM D1321	110-150
Flash point (°C)	ASTM D92	Min 200
Acidity & Alkalinity	BP 2020	Passed





VIRA GROUP

VIRA GROUP is a group which currently has participations in numerous companies which are considered to be leader and pioneer of their fields. VIRA GROUP has entered Georgian and Azerbaijani markets firstly in 2016 and achieved a good status albeit being a brand-new company and subsequently entered Turkish market in 2018 and in recent years, it has started to work with new customers in different fields in European countries, therefore, in 2023, it established a new company called VIRAPOL in Poland, thus making it easier to serve its customers in Europe..

We furnish our services to your esteemed side with more than 35 administrative staff. We present our international corporate culture to your valued side by providing all kinds of food raw materials ve food products to European market with our experience in these sectors, our sustainable performance, and successful collaborations we accomplish. VIRAPOL, being encouraged with its successes achieved until present, plans to carry forward its presence to the future thanks to its robust infrastructure, visionary approach and dedicated professional staff.

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