



PETROLEUM JELLY



WHITE OIL



PARAFFIN WAX



RESIDUE WAX



GRANULE WAX



POLYETHYLENE WAXES



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INTRODUCTION

BHD TRADE is a petrochemical company based in Turkey/Istanbul. The paraffin waxes we import and export are liquid paraffin, granular paraffin, petrolatum (vaseline), residual wax, slack wax, bees wax etc. According to the needs of our customers, we have products that appeal to every sector, especially the candle sector, with a melting point between 45 °C - 70 °C (113 °F - 158 °F) and 0.5% - 30% oil rate.

Our Services

We work together to deliver great results.

- ✓ Insurance
- ✓ Safe shipping
- ✓ Certification Of Inspection (According to customer Request)
- ✓ Sending a free sample (According to customer Request)
- ✓ Customized request (According to customer Request)
- ✓ Clearance

SNOW WHITE PETROLEUM JELLY





PETROLEUM JELLY (VASELINE)

BHD TRADE Petroleum Jellies are the homogeneous mixtures of highly purified saturated hydrocarbons, translucent paste, odorless, excellent emollient moisturizer & lubricant enhances that is resulting to accept other active ingredients in many cosmetics and lotions or as a substitute for fats in ointments and cosmetics.

BHD TRADE is ability to offer products meeting customers precise and exacting specifications. 24 grades offer that specifications comply meet with strict standards of BP&USP.



175kg , 20Ft Loading



Cone Penetration test

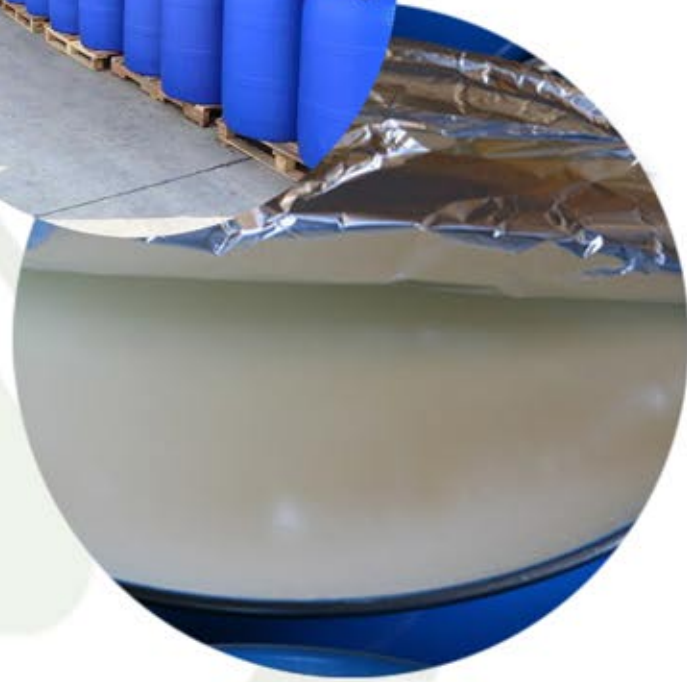


175kg , Truck Loading

PETROLEUM JELLY Grades

SSW - V1	Super Snow White V1	Max 0.3	Y	58-60 C
SW - V2	Snow White V2	Max. 0.5	Y	58 C
W - V3	White V3	Max. 0.7	Y	56 C
W - V4	White V4	0.9 - 1.0	Y	55-56 C
Y - V5	Yellow V5	1.1 - 1.3	Y	54 C
I - V6	Industrial V6	Min. 1.5	Y	50-52 C

PETROLEUM JELLY PACKING



50 & 55 to 100 Kg

Net In New Cosmetic PE Drums

PETROLEUM JELLY PACKING



175 Kg

Net In New Cosmetic Open Door Iron Drums

SUPER QUALITY PETROLEUM JELLY

Pharmaceutical & Cosmetic Jelly

Super Quality Petroleum Jelly are manufactured according To **BP & USP standards** by using the highest purity, with modern Manufacturing technology to provide Snow White V1 BHD as various pharmaceutical & cosmetic applications for creams, moisturizing ointment, lotion &...that is export to europe country mostly.

SSW - V1

Specification	Result	Test Method	Characteristic
Color	Max 0.3 Yellow	BP 2015	White
Congealing Point	56 °C	ASTM D-938	—
Cone Penetration at 25°C	135-145 (0.1mm)	ASTM D-937	60-300
Drop Melting Point	57-60 °C	ASTM D-127	—
Flash point	Min 210 °C	ASTM D-92	—
Kinematic Viscosity at 100°C	5.5-6 cst	ASTM D-445	—
Light Absorption	Passed	USP	Max 0.5
Odor	Odorless	BP 2015	Odorless



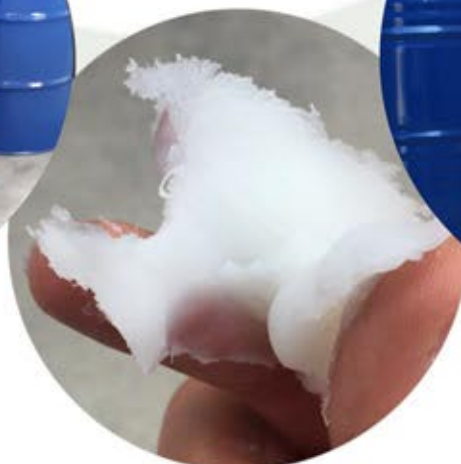
SSW V1

SNOW WHITE PETROLEUM JELLY

Snow White Petroleum Jelly produce under strictly **BP & USP standards** with color Max 0.5 that is at range of 0.3-0.5Y, that again use for cosmetic applications such creams, moisturizing, lotion &...as ingredient;

SW - V 2

Specification	Result	Test Method	Characteristic
Color	Max 0.5 Yellow	BP 2015	White
Congeaing Point	54-55 °C	ASTM D-938	—
Cone Penetration at 25°C	130-140 (0.1mm)	ASTM D-937	60-300
Drop Melting Point	57-60 °C	ASTM D-127	—
Flash point	Min 210 °C	ASTM D-92	—
Kinematic Viscosity at 100°C	5.5-6 cst	ASTM D-445	—
Light Absorption	Passed	USP	Max 0.5
Odor	Odorless	BP 2015	Odorless



SW V 2

WHITE PETROLEUM JELLY

White Petroleum Jelly divide to 2 grades as WPJ300 with Max. 0.7Y & WPJ400 with 0.9-1.0Y Color (Lovibond) that are the most popular and operational cosmetic grades while most buyer in all over the world use it directly as ordinary usage for skin;

W - V 3

Specification	Result	Test Method	Characteristic
Color	Max. 0.7 Yellow	BP 2015	White
Congealing Point	53-54 °C	ASTM D-938	—
Cone Penetration at 25°C	120-130 (0.1mm)	ASTM D-937	60-300
Drop Melting Point	56 °C	ASTM D-127	—
Flash point	Min 210 °C	ASTM D-92	—
Kinematic Viscosity at 100°C	5.5-6 cst	ASTM D-445	—
Light Absorption	Passed	USP	Max 0.5
Odor	Odorless	BP 2015	Odorless



W - V 3

W - V 4

Specification	Result	Test Method	Characteristic
Color	Max 0.9 -1.0 Yellow	BP 2015	White
Congealing Point	52-53 °C	ASTM D-938	—
Cone Penetration at 25°C	120-125 (0.1mm)	ASTM D-937	60-300
Drop Melting Point	55-56 °C	ASTM D-127	—
Flash point	Min 210 °C	ASTM D-92	—
Kinematic Viscosity at 100°C	5.5-6 cst	ASTM D-445	—
Light Absorption	Passed	USP	Max 0.5
Odor	Odorless	BP 2015	Odorless



W - V 4

YELLOW PETROLEUM JELLY

Yellow Petroleum Jelly with Min 1.1Y Color also use for applications that are not related directly to cosmetic usage or ointments ingredient while Y-V5 is completely cosmetic & have not any harm on skin, in ordinary is appropriate for jobs that needs week color of Petroleum Jelly;

Y - V 5

Specification	Result	Test Method	Characteristic
Color	1.1-1.3Y Yellow	BP 2015	White
Congealing Point	53-54 °C	ASTM D-938	—
Cone Penetration at 25°C	110-120 (0.1mm)	ASTM D-937	60-300
Drop Melting Point	55 °C	ASTM D-127	—
Flash point	Min 210 °C	ASTM D-92	—
Kinematic Viscosity at 100°C	5.5-6 cst	ASTM D-445	—
Light Absorption	Passed	USP	Max 0.5
Odor	Odorless	BP 2015	Odorless



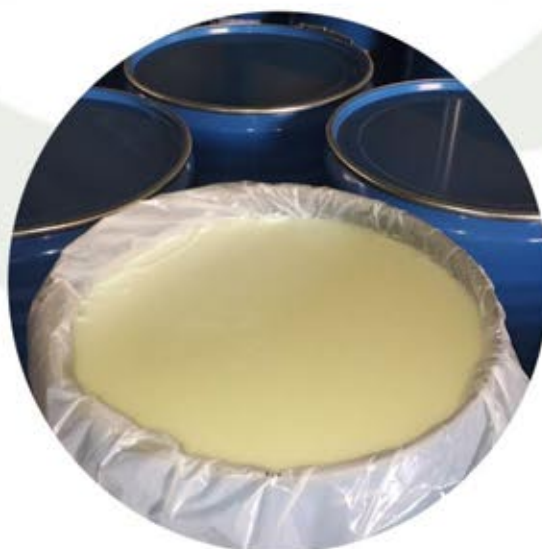
Y - V 5

INDUSTRIAL PETROLEUM JELLY

Industrial Petroleum Jelly nearly have low quality that include Oil's smell with product almost yellow color about Min. 1.5Y (Lovibond), use for most Industrial applications such as all machine lubrications or oil covering in all iron's equipments;

I - V 6

Specification	Result	Test Method	Characteristic
Color	Min 1.5 Yellow	BP 2015	White
Congealing Point	50-52 °C	ASTM D-938	—
Cone Penetration at 25°C	100-120 (0.1mm)	ASTM D-937	60-300
Drop Melting Point	54 °C	ASTM D-127	—
Flash point	Min 210 °C	ASTM D-92	—
Kinematic Viscosity at 100°C	5.5-6 cst	ASTM D-445	—
Light Absorption	Passed	USP	Max 0.5
Odor	Odorless	BP 2015	Odorless



I - V 6

FULLY REFINED PARAFFIN WAX





PARAFFIN WAX



All Paraffin Wax Grades

LP - 1	0.8 - 1%	LIGHT
LP - 2	1 - 2%	LIGHT
LP - 3	2 - 3%	LIGHT
LP - 4	5 - 8%	LIGHT
HP - 1	1 - 2%	HEAVY
HP - 2	1 - 3%	HEAVY
HP - 3	3 - 5%	HEAVY
HP - 4	5 - 8%	HEAVY



5kg Slab In Cosmetic Nylon



25kg Carton Packing Loading



Pallet Packing Loading

PACKING

25Kg Net (5 slabs) In Tight Carton Box

30Kg Net (6 slabs) In PE Bag



25KG Carton Packing

PARAFFIN WAX LP-1

Specification	Test Result	Test Method
Oil Content	0.8-1%	ASTM D-721
Melting Point	58-60° C	ASTM D-87
Flash Point	238° C	ASTM D-92
Penetration Point @ 25° C	18	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX LP-2

Specification	Test Result	Test Method
Oil Content	1-2%	ASTM D-721
Melting Point	58-60° C	ASTM D-87
Flash Point	220° C	ASTM D-92
Penetration Point @ 25° C	15-19	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX

LP-3

Specification	Test Result	Test Method
Oil Content	2-3%	ASTM D-721
Melting Point	54-56° C	ASTM D-87
Flash Point	220° C	ASTM D-92
Penetration Point @ 25° C	33	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX

LP-4

Specification	Test Result	Test Method
Oil Content	5-8%	ASTM D-721
Melting Point	56-58° C	ASTM D-87
Flash Point	238° C	ASTM D-92
Penetration Point @ 25° C	18	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX HP-1

Specification	Test Result	Test Method
Oil Content	1-2%	ASTM D-721
Melting Point	62-64° C	ASTM D-87
Flash Point	240° C	ASTM D-92
Penetration Point @ 25° C	36	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX HP-2

Specification	Test Result	Test Method
Oil Content	1-3%	ASTM D-721
Melting Point	62-66° C	ASTM D-87
Flash Point	240° C	ASTM D-92
Penetration Point @ 25° C	15	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX HP-3

Specification	Test Result	Test Method
Oil Content	3-5	ASTM D-721
Melting Point	64-68° C	ASTM D-87
Flash Point	240° C	ASTM D-92
Penetration Point @ 25° C	15	ASTM D-1321



Paraffin Wax Consistency Test

PARAFFIN WAX HP-4

Specification	Test Result	Test Method
Oil Content	5-8%	ASTM D-721
Melting Point	68-74° C	ASTM D-87
Flash Point	235° C	ASTM D-92
Penetration Point @ 25° C	44	ASTM D-1321



Paraffin Wax Consistency Test

SUPER GRANULE WAX



GRANULE WAX

BHD TRADE Granule wax formed into tiny beads slightly larger than sand, odorless solid can be easily molten by heating. This product is very popular for making instant candles, It can be easily poured into any "candle safe" container.



GP - 1

Super Granule Wax

0.1-0.3% Oil

LIGHT

GP - 2

Granule Wax

0.8 % Oil

LIGHT

PACKING

25kg Net In Tight Carton Box

30kg In Special PE bag



GRANULE WAX ANALYSIS

GP-1

Specification	Result	Test Method	Characteristic
Color	Super White	BP 2015	White
Congealing Point	57 °C	ASTM D-938	—
Drop Melting Point	59-60 °C	ASTM D-127	—
Flash Point	200-220 °C	ASTM D-92	—
Specific Gravity at 25°C	0.81-0.85 (gr/cm ³)	ASTM D-1298	—
Odor	Odorless	BP 2015	Odorless
Oil Content	0.1-0.3 %	ASTM D-721	—



WHITE OIL / LIQUID PARAFFIN



WHITE OIL / LIQUID PARAFFIN

BHD TRADE White Oils categorize to cosmetic & Pharmaceutical grade as CLP & PLP; CLP1000/4000 as cosmetic grade is a leader in order of having precursor use of best manufacturing technology and continue to make advances in safe, responsible operations these days. CLP 1000/4000 is a fully integrated white oil / Liquid Paraffin producer controlling quality at every step of the manufacturing process. Purity is preserved by dedicated pipes and tanks, careful loading procedures and accurate handling & shipping of the product to guarantee.



LD-1	+ 28-30 Saybolt	-5 to +5 Pour Point	+ 190-220 Flash Point
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LD-15	+ 30 Saybolt	-21 to <-18 Pour Point	+ 180 Min 150° C Flash Point
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LD-70	+ 30 Saybolt	<-9° C Pour Point	Min 220° C Flash Point
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LD-90	+ 30 Saybolt	-	+ 210-200° C Flash Point
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PACKING

175kg Net In Standards Closed Door Iron Drum

1000kg Net In Huge Bulk Plastic Container

(Protected with Iron Keeper Guard)



WHITE OIL PACKING

20KG DRUM

20kg Net In New Tight
PE Container
(20ft capacity : 800 Drums)



175KG DRUM

175Kg Net In New Standard
Closed Door Drums
(20ft capacity : 98 Drums)



1000KG BULK

1000Kg In Huge Bulk Plastic
Container Protected With
Iron Keeper Guard
(20ft capacity : 20 Bulks)



WHITE OIL DESCRIPTION

BHD TRADE White oil or Liquid Paraffin as cosmetic and Pharmaceutical Grade is absolutely colorless, odorless, tasteless, and transparent liquid, clean of impurities contamination and heavy metals that extensively used for personal care products as baby lotions, cold creams, ointments, lipsticks and sunscreens.

WHITE OIL APPLICATION

BHD TRADE White oil can meet the demand of cosmetic industries such as: creams & lotions, foot care, hair & foot formulation, baby and bath oils including product purity, consistency and longevity and also as commercial grades are used in Polymer processing.

LD-1

Specification	Result	Test Method	Characteristic
Appearance	Passed	BP 2015	Transparent
Acidity or alkalinity	Passed	BP 2015	pass
Color	+28/+30 Saybolt	ASTM D-156	—
Flash point	Min 200°C	ASTM D-92	—
Kinematic Viscosity at 40°C	16-25 cst	ASTM D-445	—
Odor	Odorless	BP 2015	Odorless
Pour Point	-5 / 5 °C	ASTM D-97	—
Sp-Gravity at 25°C	0.82-0.86 gr/cm ³	USP	—

LD 15

Characteristics	Method	Result	Accepted Limit
Appearance	Visual	Bright, Clear	Transparent, Colorless
Odor	-	-	Odorless
Specific Gravity @15 Deg C	ASTM-D-1298	0.842	0.82 TO 0.85 gms/ml
Kinematic Viscosity at 40° C	ASTM-D-445	15.50	11.50 to 16.50 cst
Flash Point C OC	ASTM-D-92	180	Min 150° C
Color (say bolt)	ASTM-D-156	+30	+30
Pour Point	ASTM-D-97	-21	<-18 ° C
Ultraviolet Absorbance 280 to 289nm 290 to 299nm 300 to 329nm 330 to 350nm	CFR 178.3620 (b)	To Retport	4.0 Abs/cm 3.3 Abs/cm 2.3 Abs/cm 0.8 Abs/cm

LD 70

Characteristics	Method	Accepted Limit
Appearance	Visual	Transparent, Colorless
Odor	-	Odorless
Specific Gravity @15 Deg C	ASTM-D-1298	0.845 TO 0.880 gms/ml
Kinematic Viscosity at 40° C	ASTM-D-445	65 to 75 cst
Flash Point C OC	ASTM-D-92	Min 220° C
Color (say bolt)	ASTM-D-156	+30
Pour Point	ASTM-D-97	<-9 ° C
Ultraviolet Absorbance 280 to 289nm 290 to 299nm 300 to 329nm 330 to 350nm	CFR 178.3620 (b)	4.0 Abs/cm 3.3 Abs/cm 2.3 Abs/cm 0.8 Abs/cm

LD 90

Characteristics	Result	Method	Accepted Limit
Characters	Pass	B.P. 2012	According to Test Method
Acidity or Alkalinity	Pass	B.P. 2012	According to Test Method
Readily Carbonisable Substances	Pass	B.P. 2012	According to Test Method
Solid Paraffin	Pass	B.P. 2012	According to Test Method
Aromatic Hydrocarbons & Polycyclic	Pass	B.P. 2012	Net More than 1/3 absorbance of solution 7mg/l naphthalene in trimethylpentane at 275nm
Kinematic Viscosity at 20 ° C	36	B.P. 2012	25 to 80m Pa.s
Flash Point	210° C	ASTM-D-92	Min 200° C
Flash Point	+30	ASTM-D-156	+30
Relative Density at 20° C	0.818	B.P. 2012	0.810 to 0.875

RESIDUE WAX / FOOTS OIL



RESIDUE WAX / FOOTS OIL

BHD TRADE Residue Wax or Foots Oil is a byproduct obtained by slack wax deoiling or sweating in the paraffin wax manufacturing. They have oil contents above 30% and with congealing point range between 30° and 70° C. they are especially used to produce emulsions and in the fertilizer industry.



PACKING

175kg Net In NEW Standards Iron Drum

175kg Net In 2nd Hand Standards Drum

(Due to Customer responsibility accept)

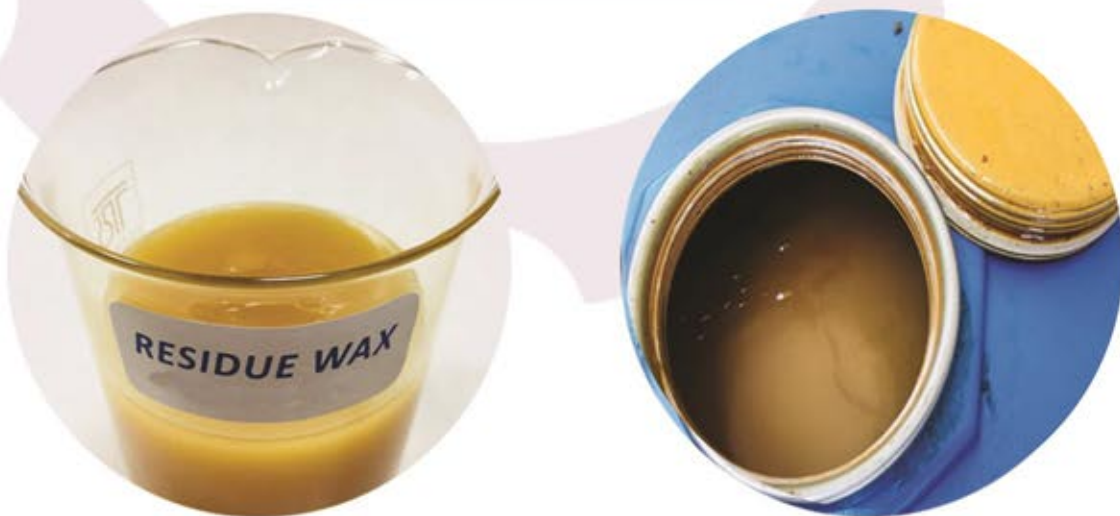


RESIDUE WAX ANALYSIS

BHD TRADE Residue Wax or Foots Oil is a byproduct obtained by slack wax deoiling or sweating in the paraffin wax manufacturing. They have oil contents above 30% and with congealing point range between 30° and 70° C. they are especially used to produce emulsions and in the fertilizer industry.

RS-1

Specification	Result	Test Method	Characteristic
Color	Light Brown	BP 2015	White
Congeaing Point	40 - 42 °C	ASTM D-938	—
Drop Melting Point	42 - 44 °C	ASTM D-127	—
Flash Point	200-220 °C	ASTM D-92	—
Specific Gravity at 25°C	0.81-0.85 (gr/cm ³)	ASTM D-1298	—
Oil Content	25 - 50 %	ASTM D-721	—



SLACK WAX



SLACK WAX

BHD TRADE Slack Wax is a mixture of oil and wax, obtained from lubricating oil. Slack wax is the crude wax produced by chilling and solvent filter-pressing wax distillate. It serves as feedstock and that is further refined and blended to create value-added petroleum wax products. The crudest versions of paraffin Wax fall into the slack wax category and contain between 5% to 35% oil.

ALL SLACK WAX GRADES

SW-1	58 to 66 C	5-8 %	LIGHT	HEAVY
SW-2	64 - 66 C	8-12 %		HEAVY
SW-3	56 - 58C	Min15 %	LIGHT	
SW-4	58 to 66 C	Min 25 %	LIGHT	HEAVY

PACKAGING

175kg Net Standards Iron Drums

1000kg Net One Piece Bulk PP Bag



APPLICATION

- Candles
- Coatings
- Crayons
- Polishes
- PVC
- Flexible packaging
- Tire and rubber &...



SLACK WAX ANALYSIS

BHD TRADE Slack Wax categorize to 4 grades as difference in light or heavy , Oil & Melting Point as below :

Specification	Result	Test Method
Color(Lovibond)	Light Yellow	IP 17 Method A cell 2"
Congeaing Point	54-64 °C	ASTM D-938
Drop Melting Point	56-66 °C	ASTM D-127
Flash Point	Min 210 °C	ASTM D-92
Kinematic Viscosity at 100°C	3.5 - 4.7 cst	ASTM D-445
Oil Content	5-8 %	ASTM D-721

SW-2

Specification	Result	Test Method
Color(Lovibond)	Light Brown	IP 17 Method A cell 2"
Congealing Point	62 °C	ASTM D-938
Drop Melting Point	64-66 °C	ASTM D-127
Flash Point	Min 200 °C	ASTM D-92
Kinematic Viscosity at 100°C	3.5 - 4.7 cst	ASTM D-445
Oil Content	8-12 %	ASTM D-721

SW-3

Specification	Result	Test Method
Color(Lovibond)	Brown	IP 17 Method A cell 2"
Congealing Point	54-64 °C	ASTM D-938
Drop Melting Point	56-66 °C	ASTM D-127
Flash Point	Min 210 °C	ASTM D-92
Kinematic Viscosity at 100°C	3.5 - 4.7 cst	ASTM D-445
Oil Content	Min 15 %	ASTM D-721

SW-4

Specification	Result	Test Method
Color(Lovibond)	Dark Yellow	IP 17 Method A cell 2"
Congealing Point	54-64 °C	ASTM D-938
Drop Melting Point	56-66 °C	ASTM D-127
Flash Point	Min 215 °C	ASTM D-92
Kinematic Viscosity at 100°C	3.5 - 4.7 cst	ASTM D-445
Oil Content	Min 25 %	ASTM D-721

POLYETHYLENE WAXES



POLYETHYLENE WAXES

Pe Wax Powder

Properties	Unit	Test Method	Value
Melting Poing	°C	ASTM D 3954	105 - 115
Whiteness Index		ASTM E313	> 50
Viscosity @ 140° C	cp	ASTM D 3236	Max 40
Density	gms/cc	ASTM D 1505	0.91 - 0.92
Penetration Index	0.1mm	ASTM D 1321	1.1 - 1.5
Powder Particle Size	µm		200-400
Appearance			Super White Powder



POLYETHYLENE WAXES Test

POLYETHYLENE WAXES

PE WAX FLAKE

Properties	Result	Unit	Test Method
Color	whitish	*	Visual
Flash Point	14±10	°C	ASTM D92
Melting Poing	90±10	°C	DSC
Viscosity	5 - 20	CPs	ASTM D2196
Density	0.870+0.010	gr/cm ³	ASTM D 1505

Physical Form: Flake

Packing: 20 Kg in PP Bags

Application: Lubricant, transparency, flexibility, PVC compound, Color masterbatch and Plastic additive



POLYETHYLENE WAXES Test

Customer

We are your reliable partner for your projects that we provide and guarantee best service for you before and after sales. For our Products, we recognize that the highest decisive standards of purity, technical excellence, and quality are essential. We have continued to improve our products by upgrading our processes and technologies to reach outstanding levels of product quality. We have a general quality control managing system ing manufacturing and reliable supply avaliability that is makes us more committed for Professional business and we will continue to lead the way in manufacturing & exporting.

Contact Information

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