

## SPECIFICATIONS



### DUNES JELLY (WHITE PETROLEUM JELLY / VASELINE)

**DUNES JELLIES** are homogeneous mixtures of highly refined and hydro-treated hydrocarbons with specially selected waxes, forming ointment like gels, which are nearly odourless with excellent hydrating characteristics. The resulting gels have excellent emollient properties and consistency for formulating with other active ingredients. Saudi Dunes ability to offer tailor-made formulations help to offer products meeting customers' precise and exacting specifications. Saudi Dunes offers grades that comply with strict standards of BP, USP, NF, EuP, IP and other pharmacopoeias. Petroleum Jellies are favoured by Cosmetic, personal care, pharmaceutical, Food & Industrial companies as very versatile, safe and economical formulation base.

Manufactured under a stringent and closely controlled environment facility using the highest quality ingredients and materials.

#### Product description

Various grades of Petroleum Jellies catering to Pharma, Cosmetic & personal care products as well as technical grades for less critical applications and meeting specifications of customers are manufactured.

#### General Physical properties

Properties	Unit	Method	Specification	
Color Lovibond	-	IP-17	<1.5Y	
Drop point	OC	IP-371	40-55	
Drop Melting Point	OC	ASTM D-127	44-65	
Cone Penetration 25 deg C	dmm	ASTM D-937	100-300	



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Kinematic Viscosity 100 deg C	C.St.	ASTM D-445	4.0-11.0	
Light Absorbance 290nm 0.05%(w/v)	-	IP-2007	To Comply	
Polycyclic Aromatic Hydrocarbons		BP-2008	To Comply	
Acidity/Alkalinity	-	BP-2008	To Comply	
Odour Test	-	BP-2008	To Comply	
Sulphated Ash	%	BP-2008	To Comply	
Foreign Organic Matter	-	IP-2007	To Comply	

**NOTE:- Go to the product Specification there you can get the specification of different grades of dunes jelly as your need.**

### Applications

The Petroleum Jellies are used as an ointment base, protective dressing and soothing applications to skin. These gels offer excellent barrier to moisture and thus prevent moisture loss from skin. Dunes Jellies are used in formulating various cosmetic and personal care preparations like hair conditioners, hand cleaners, lip balms, massage creams, moisturizing lotions, and sun care products and in various pharmaceutical applications such as skin protecting ointments, medicated ointments etc.

### Products Offered

Saudi Dunes offers the following Dunes Jelly products:

**Ultima White, Snow White, White Petroleum Jelly and Yellow Petroleum Jelly.**

These products cater to different market segments and application needs of customers.

### Characteristics

Saudi Dunes products are manufactured using highly refined paraffinic white mineral oils and waxes. This ensures the products are as per the pharmacopeia requirements.

Saudi Dunes products meet the requirements of pharmacopeia (USP, IP and BP) and are manufactured as per the GMP norms.

