

PETROLATUMS



PRODUCT DESCRIPTION. Petrolatums are homogeneous mixtures of oily and waxy long-chain, nonpolar hydrocarbons. Their hydrating properties set a standard against which other moisturizers are compared. Odorless and tasteless, they range in color from white to yellow, and differ from one another in consistency and shear strength.

APPLICATIONS. Personal care and pharmaceutical formulators often choose Sonneborn petrolatums as a formulation base. Petrolatums add lubricity and moisture resistance to lotions, creams, ointments, and hand cleaners. Sonneborn petrolatums meet FDA requirements. Food processors rely on them for uses that range from baking and candy-making to packaging.

In jar candles, the addition of petrolatum affects the crystallinity of the waxes to give a smoother, more pleasing appearance. In metal polishes and buffing compounds, petrolatums protect against moisture and corrosion.

PRODUCTS. Sonneborn carries the world's broadest line of standard and custom-compounded petrolatums and related products. All our pharmaceutical grades meet the requirements of the white and yellow soft paraffin monographs of the European Pharmacopoeia. Moreover they are available to comply with the purity requirements of former monographs of the BP, DAB or French Codex.

DID YOU KNOW? Sonneborn petrolatums are renowned in the personal care and cosmetic industries for their contribution to the formation of stable and consistent end products.



PETROLATUMS: TYPICAL PROPERTIES

TYPICAL PROPERTIES OF STANDARD PHARMACEUTICAL GRADE PETROLATUMS

Product	Drop Melting	Drop	Congealing	Cone Penetration	Lovibond	Purity			
	Point °C ASTM D-127	Point °C acc. EuP	Point °C ASTM D-938	mm x 0.1 @ 25°C ASTM D-937	Colour 2* Cell (* = 1/2" Cell)	BP USP EuP	FDA	DAB	FC
WHITE									
Snowwhite P1™	58 - 64	51	48 - 54	180 - 200	0.5 Y Max.	■	■	■	■
Protopet® White 1 SH	58 - 64	51	47 - 53	180 - 210	1.0 Y Max.	■	■	■	■
Fonoline® White H	50 - 56	46	45 - 51	210 - 245	1.0 Y Max.	■	■	■	
Snowwhite N™	54 - 60	50	47 - 53	160 - 180	1.5 Y Max.	■			
Snowwhite MD™	55 - 61	53	48 - 54	160 - 180	1.0 Y Max.	■	■	■	
Snowwhite T5™	60 - 66	53	50 - 56	160 - 180	1.5 Y Max.	■			
Snowwhite Special™	53 - 59	52	47 - 53	160 - 180	1.0 Y Max.	■			
Snowwhite A4™	53 - 59	52	47 - 53	160 - 180	1.0 Y Max.	■	■	■	
Snowwhite EC™	58 - 66	52	49 - 56	160 - 180	2.0 Y Max.	■			
YELLOW									
Blond™	58 - 65	51	50 - 56	160 - 180	15 Y + 1.5 R*	■			
Yellow Super™	58 - 65	53	50 - 56	160 - 180	5.0 Y + 0.5 R*	■			
Extra Light Yellow™	58 - 65	51	49 - 55	160 - 180	15 Y + 1.5 R*	■			

TYPICAL PROPERTIES OF STANDARD TECHNICAL GRADE PETROLATUMS

Product	Drop Melting	Congealing	Cone Penetration	Colour
	Point °C ASTM D-127	Point °C ASTM D-938	mm x 0.1 @ 25°C ASTM D-937	
Yellow Technical Petrolatum I	55 - 65	48 - 56	160 - 180	yellow/brown
Amber Technical II	70 - 80	62 - 72	90 - 115	yellow/brown
Petrolatum 68	69 - 79	61 - 69	70 - 90	brown
Petrolatum 640/20	35 - 45	35 - 43	175 - 195	brown