

Properties of Standard Sonneborn Pharmaceutical and Personal Care Grade Petrolatums

	Drop Melting	Congeaing	Cone Penetration	Lovibond	Purity	
	Point °C ASTM D-127	Point °C ASTM D-938	dmm @ 25 °C ASTM D-937	Color 2" Cell (* = 1/2" Cell)	Ph. Eur. BP USP	FDA
WHITE						
Snowwhite P1	58 - 64	48 - 54	180 - 200	0.5 Y Max.	■	■
White Protopet 1 SH	58 - 64	47 - 53	180 - 210	1.0 Y Max.	■	■
White Fonoline H	50 - 56	45 - 51	210 - 245	1.0 Y Max.	■	■
Snowwhite MD	55 - 61	48 - 54	160 - 180	1.0 Y Max.	■	■
Snowwhite N	54 - 60	47 - 53	160 - 180	1.0 Y Max.	■	
Snowwhite UP	60 - 67	50 - 56	160 - 180	0.5 Y Max.	■	
Snowwhite T5	60 - 66	50 - 56	160 - 180	1.5 Y Max.	■	
Snowwhite EC	58 - 66	49 - 56	160 - 180	2.0 Y Max.	■	
Snowwhite XH	61 - 66	51 - 56	140 - 160	1.5 Y Max.	■	
Snowwhite A4	53 - 59	47 - 53	160 - 180	1.0 Y Max.	■	
Snowwhite Special	53 - 59	47 - 53	160 - 180	1.0 Y Max.	■	
YELLOW						
Blond	58 - 65	50 - 56	160 - 180	12 Y + 0.8R* Max.	■	
Extra Light Yellow	58 - 65	49 - 55	160 - 180	12 Y + 0.8R* Max.	■	
PETROLATUM CONCENTRATE						
Microwax MA	61 - 68	56 - 62	35 - 45	2.0 Y Max.	■	

The above grades have no odor and meet the requirements for Ph. Eur and USP. Microwax MA has a cone penetration that falls outside the monograph limits. The P1, 1SH, MD, UP, T5, EC, XH and yellow grades, have a drop melting point that falls outside the USP specification. Special grades can be formulated to meet particular customer specifications.