

Petroleum Specialities FZE

Wholly owned subsidiary of Apar Industries ltd.



POWEROIL PETROLEUM JELLY YELLOW 8190Y

(PETROLATUM - USP)

Meets the requirements USP (Current Revision).

Sr.	Test Parameters	Unit	Test Method	Specification		TILDU		
No.	Test Parameters			Min.	Max.	Typical Data		
1.	Appearance /	-	Visual	Yellowish, unctuous mass, transparent in thin layers even after cooling to 0°C.				
••	Description		, loudi					
2.	Solubility	-	USP	Soluble in benzene, in carbon disulphide, and in chloroform; soluble in ether, in solvent hexane, and in most fixed and volatile oils, slightly				
۷.				soluble in cold or hot alcohol, and in cold				
				dehydrated alcohol, insoluble in water.				
				The warm, melted Liquid is not darker than a standard solution.		Complies		
3.	Colour	-	USP					
4.	Specific Gravity at 60°C	-	USP 841	0.815	0.840	0.820		
5.	Melting Range , Class III	°C	USP 741	55	60	58		
6.	Consistency at 25°C (0.1mm)	-	USP	180	200	190		
7.	Acidity	-	USP	No red or pink color is produced		Complies		
8.	Alkalinity	-	USP	The solution does not acquire a pink colour.		Complies		
9.	Residue on ignition	% wt.	USP 281	-	0.10	< 0.01		
10.	Organic Acids	-	USP	Not more than 400 µL of 0.10 N NaOH is required		Complies		
11.	Fixed oils, Fats & Resins	-	USP	No oily or solid matter separates		Complies		
Addi	Additional Test Parameters							
1.	Colour (Lovibond 2" cell)	-	IP 17 A	4.0 Y	6.0 Y	4.5 Y		
2.	Kinematic Viscosity at	cSt.	ASTM D	5.00	7.00	5.82		

Disclaimer: APAR makes no warrantees, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility. Website: <u>www.apar.com</u>

Product Data Sheet Version # 1, 1st January, 2024



Petroleum Specialities FZE

Wholly owned subsidiary of Apar Industries ltd.



100°C	445		

POWEROIL Petroleum Jelly Yellow (Petrolatum – USP) is a high purity USP grade white Petrolatum formulated from mixtures of oily and waxy long-chain, non-polar hydrocarbons obtained from petroleum, and wholly or nearly decolorized.

Application : Poweroil Petroleum Jelly Yellow is used as an ointment base in pharmaceutical, veterinary and cosmetic industries, viz. as a base material for some types of brilliantine, as a corrosion preventive in the metallurgical industry. Further it is applied in the textile industry; in the ink, carbon paper industry & in the foodstuff industry etc.