



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Technical data sheet White Petroleum Jelly BP & USP

Characteristic	Result	Test Method	Specification
Appearance	Passed	BP 2013	Translucent, soft unctuous
			mass, slightly fluorescent in
			daylight when melted
Acidity or alkalinity	Passed	BP 2013	<0.5 ml NaOH 0.01 N
Sulphated ash	Passed	USP 2013	<0.05%
Color	White	BP 2013	White or almost white
	0.7 Yellow	Lovibond IP 17	
		Method	
		A 2 cell	
Odor	Passed	BP 2013	Passed
Polycyclic aromatic	Passed	BP 2013	Not more than absorbance
hydrocarbons			of
			solution 6 mg l ⁻¹ naphthalene
			in DMSO at 278 nm
Solubility	Passed	BP 2013	Practically insoluble in water
			slightly soluble in methylene
			chloride, practically
			insoluble
Flash Point	Min 200° C	ASTM D-92	-
Kinematic Viscosity at 100°	5.5-6 cst	ASTM D-445	-
C			
Consistency	Passed	BP 2013	60-300
Cone Penetration at 25° C	140-150	ASTM D-937	
	(0.1mm)		
Drop Melting Point	54-56 C	ASTM D-127	-

Types of white petroleum jelly grades

- Cosmetic Grade
- Pharmaceutical Grade
- Industrial Grade



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