

VELVEX- Heavy Liquid Paraffins / Heavy White Mineral oils (PHARMA)

- Description** : VELVEX White Oils (Pharma) are severely refined hydro-cracked/ hydro treated White Mineral Oils of with highest degree of purity and are stabilized with suitable additives for oxidation/UV stability
- Quality compliance** : VELVEX White Oil pharma grades fully conform to the requirements of US FDA 21 CFR 172. 878 for use in or on food for human consumption and USFDA 21 CFR 178.3620 (a) for use as a component of non-food articles intended for use in contact with food for human consumption.
- Surpass the current requirements of NF, Indian Pharmacopoeia (IP), US Pharmacopoeia (USP), British Pharmacopoeia (BP), European Pharmacopoeia(Ph.Eur.) and other international Pharmacopoeia.
 - Surpasses the requirements of NSF & InS, under categories, 3H, H1 and HX-1, for direct and incidental food contact and as an ingredient for use in lubricants with incidental food contact.
 - Complies to Eu directive 2011/62/EU (Article 1-3b) & Annex I of Eu 10/2011.
- Packaging Option** : VELVEX White Oil offered in HDPE & MS drums also in bulk in flexi bags or ISO tanks
- Specific Requirements** : Custom viscosity ranges, density, additives etc shall be made on specific request.

Test Description	Test Method	VELVEX P 200	VELVEX P 300	VELVEX P 350	VELVEX P 500
Appearance	Visual				
Colour, Saybolt	ASTMD156	+30	+30	+30	+30
Weight per ml @25° C,gm/ml	IP	0.835-0.850	0.845-0.865	0.848-0.868	0.850-0.870
Relative Density @20° C	BP/Ph.Eur	0.840-0.855	0.850-0.870	0.853-0.873	0.855-0.875
Relative Density @25° C	USP	0.838-0.853	0.848-0.868	0.852-0.872	0.854-0.874
Kin. Viscosity @ 40° C ,cSt	ASTM D 445	35-42	58-66	65-75	85-100
Dy Viscosity @ 20° C,mPas	BP/IP	85-110	140-170	165-210	220- 280
Flash Point, °C, min.	ASTM D 92	196	200	200	220
Pour Point, °C , max.	ASTM D 97	-9	-9	-9	-6
Solubility	BP/Ph.Eur/IP	Passes	Passes	Passes	Passes
Readily Carbonisable Substance	USP/BP/ Ph.Eur/IP	Passes	Passes	Passes	Passes
Solid Paraffins		Passes	Passes	Passes	Passes
Acidity/Alkalinity	BP/Ph.Eur/IP	Passes	Passes	Passes	Passes
Neutrality	USP	Passes	Passes	Passes	Passes
Sulphur Compounds	IP	Passes	Passes	Passes	Passes
Poly nuclear compounds/ Polycyclic Aromatic Hydrocarbons	USP/BP/Ph. Eur/IP & US FDA 21 CFR	Passes	Passes	Passes	Passes
Conforms to USP/NF & US FDA21CFR 172.878&178.3620(a)	US FDA/USP	Passes	Passes	Passes	Passes
Conforms to USP	USP	x (Density lower than USP limit)	✓	✓	✓
Conforms to BP/Ph.Eur	BP/Ph.Eur	X (Viscosity lower per BP limits)	✓	✓	X (Viscosity higher per BP limits)

The Above data is indicative of recent average values only. Minor variations which do not affect product performance quality, may be expected in manufacture.

For Health & safety instructions : Refer MSDS

For Reach registration details : All products are REACH registered, Pls refer MSDS for more info.