

## POWEROIL PEARL H 350 ULTIMA

Meets the requirements of following Specifications :

- USA FDA 21 CFR 172.878, White Mineral Oil, for use in or on food for human consumption.
- USA FDA 21 CFR 178.3620 (a), White Mineral Oil, for use as a component of non-food articles intended for use in contact with food for human consumption.
- US Pharmacopeia (most recent edition) - Mineral Oil.
- European Pharmacopoeia (most recent edition) - Liquid Paraffin.
- Europe Regulation (EU) 10/2011 on plastic material and articles intended to come into contact with foodstuff, White mineral oil.
- INCI name (Europe): Paraffinum Liquidum

Sr.No.	Characteristics	Test Method	Typical Values	Specification	
				Min.	Max.
1	Appearance	Visual		Clear & Bright	
2	Odour	Olfactory		Absent	
3	Color, Saybolt	ASTM D 6045		+ 30	-
4	Density at 20°C, gm/ml	ASTM D 1298		0.855	0.870
5	Kinematic Viscosity at 40°C, cSt	ASTM D 445/D 7042		67	74
6	Kinematic Viscosity at 100°C, cSt	ASTM D 445/D 7042		8.5	-
7	Dynamic Viscosity at 20°C, mPas	ASTM D 7042		160	210
8	Flash Point, (COC), °C	ASTM D 92		240	-
9	Pour Point, °C	ASTM D 97		-	-9
10	Refractive Index, nD20	ASTM D 1218		1.470	1.480
11	Average Molecular Weight	ASTM D 2502		480	-
12	Hydrocarbon with less than 25 carbons, wt %	ASTM D 6352		-	5
13	Volatility @ 10 mm Hg, temp (°C) at which	ASTM D 1160			
	5 % off		272	270	-
	10 % off		284	280	-
14	Paraffinic / Naphthenic / Aromatic	ASTM D 2140	68/32/0	-	-

## **POWEROIL PEARL H 350 ULTIMA**

### **Applications**

Poweroil Pearl H 350 Ultima can be used in a variety of food-related, cosmetic and pharmaceutical applications subject to the applicable laws and regulations in each country (\*).

#### **Thermoplastics/Polymer applications**

Poweroil Pearl H 350 Ultima is used for producing food-contact or medical rubber articles such as EPDM or butyl rubber. It is particularly well suited for the extension of Thermoplastic Elastomers (TPE), such as SBS, SEBS, SEPS and PS.

#### **Elastomers and Adhesives**

Poweroil Pearl H 350 Ultima is also recommended for Hot-Melt Adhesives formulations used in sanitary products.

#### **Cosmetics and Pharmaceuticals**

Poweroil Pearl H 350 Ultima has many well-established applications in the pharmaceutical industry, like laxative jellies and ointments, and is also recommended as a component for many cosmetic products, such as creams and body lotions.

*(\* ) User must check compliance with applicable regulations*