

Product Denomination : **PELAMIS USP 52**
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PELAMIS USP 52 is white, translucent, soft unctuous, homogeneous hydrocarbon mixture with an exceptionally high degree of purity.

It is of particular value in the following applications:

- Vaseline-type protective ointments, base materials for eye ointments, base materials for emollients and hair preparations, main ingredients for barrier creams, hand cleaning pastes, body ointments, hand and skin lotions, lipsticks and eye make-up, plasticizers for adhesive tapes,
- Veterinary ointments,
- Plasticizers in rubber production, ingredients for plasticize, coatings for fruit gums, and lubricants for packaging and other machinery in the pharmaceutical, cosmetics, and food industries.

It finds application mainly in the following industries:

- Drug and pharmaceuticals,
- Cosmetics,
- Food processing and handling,
- Rubber,
- Precision machinery.

PELAMIS USP 52 should be protected from heat, humidity, dust and light and stored separate from other petroleum products preferably indoors.

Properties	Test Methods	Specifications	Typical Values
Color ASTM	DIN 51578	-	L 0.5 White
Color Lovibond	IP 17	max. 1.0 y	< 1.0 y
Odour	Sensitive	-	Almost odorless
Appearance	Sensitive	-	Semi-solid mass
Specific Gravity @ 70°C g/cm ³	DIN 51757	0.800 – 0.900	0.821
Viscosity @ 100 °C, mm ² /s	DIN 51562	5.5 – 8.0	6.5
Drop Point, °C	Ph.Eur.	38 – 60	48
Penetration @ 25°C, mm/10	DIN 51580	150 - 170	160
Congealing Point, °C	DIN 51556	50 – 56	52
Light Absorption		Not more than % 5	0.049
Acidity or Alkalinity		Neutral	Complies
Fixed Oils, Fats & Resins		No ppt or oily matter is produced	Passes
Consistency		100 - 300	165
Sulphated Ash, %		max 0.1	NIL (< 0.05)
Total Volatile Matter, %		< 5	0.91
Pharmacopoeia		DAB/BP/USP	Complies