



PURA

medicinal white paraffin oils
medicinal petroleum jellies

RAM**IL**



Typical Properties

PURA white oils and PURA V petroleum jellies “standard grades” are listed below; our custom-formulating ability and expertise allow us to provide also “tailor-made” solutions to meet any customer’s needs.

PURA - liquid paraffin

	PURA 012	PURA 028	PURA 042	PURA 070	PURA 110	PURA 180	PURA 190
CHARACTERISTICS							
Saybolt Color, (ASTM D 156)	Min +30	Min +30	Min +30	Min +30	Min +30	Min +30	Min +30
Density at 15°C, Kg/m3 (ASTM D 4052)	-	830 - 860	830 - 860	842 - 862	850 - 870	858 - 878	860 - 880
Relative Density at 20°C (Ph. Eur.)	0,82	0,83	0,84	0,85	0,86	0,86	0,86
Characters (Ph.Eur.)	Meets	Meets	Meets	Meets	Meets	Meets	Meets
PAH, mg/kg (Ph.Eur.)	Passes	Passes	Passes	Passes	Passes	Passes	Passes
Solid paraffins (Ph.Eur./BP/USP)	Passes	Passes	Passes	Passes	Passes	Passes	Passes
Identification (Ph.Eur.)	Meets	Meets	Meets	Meets	Meets	Meets	Meets
Acidity or alkalinity (neutrality) (Ph.Eur./BP/USP)	Passes	Passes	Passes	Passes	Passes	Passes	Passes
Readily carbonisable substance (Ph.Eur./BP/USP)	Passes	Passes	Passes	Passes	Passes	Passes	Passes
Dynamic viscosity (20 °C) mPa*s (Ph.Eur./BP)	12	27	42	70	113	180	187
Reqs Ph.Eur. /light liquid paraffin	Meets*	Meets	Meets				
Reqs Ph.Eur. /liquid paraffin				Meets	Meets	Meets	Meets

*The viscosity of Pura 012 does not fall within the Ph. Eur. applicability limits, nevertheless the product meets all the purity requirements.

PURA V - paraffin white soft

	PURA V 157	PURA V 185	PURA V 189	PURA V 1710
CHARACTERISTICS				
Congealing Point, °C (ASTM D 938)	51 - 58	44 - 54	51 - 56	48 - 56
Drop Point, °C (Ph. Eur.)	35 - 70	35 - 70	35 - 70	35 - 70
Cone penetration, dmm (ASTM D 937)	140 - 160	150 - 170	170 - 190	160 - 180
Lovibond Color (2"cell)	1,0 Y (typical)	0,5 Y (typical)	1,0 Y (typical)	0,5 Y (typical)
Reqs Ph.Eur. /White Soft Paraffin	Meets	Meets	Meets	Meets
PAH, mg/kg (Ph.Eur./USP)	Passes	Passes	Passes	Passes
Identification (Ph.Eur.)	Meets	Meets	Meets	Meets
Characters (Ph.Eur.)	Meets	Meets	Meets	Meets
Acidity or alkalinity (Ph.Eur./BP/USP)	Passes	Passes	Passes	Passes
Sulfated ash %	Max 0,05	Max 0,05	Max 0,05	Max 0,05

*The Drop Point of PURA V 157 and PURA V 189 does not fall within the USP applicability limits, nevertheless the product meets all the purity requirements of USP



PURA – liquid paraffin

Description

PURA are medicinal paraffin white oils, defined in European Pharmacopeia as Liquid Paraffin (Paraffinum Liquidum), specifically developed for pharmaceutical industry.

PURA white oils can be used as base materials in pharmaceutical products and as lubricating or process oil for pharmaceutical production.

Applications

PURA white oils are colorless, odorless and tasteless. Purity and quality reliability makes PURA white oils an ideal solution for many different pharmaceutical applications:

- Carrier agent for active principles
- Veterinary
- Excipients
- Laxative preparations
- Medical ointments

pure as nature
pure as nature
pure as nature
pure as nature
pure as nature
pure as nature



PURA V - paraffin white soft

Description

PURA V are medicinal petroleum jellies, defined in European as Pharmacopeia Paraffin White Soft (Vaselinum Album), specifically developed for pharmaceutical industry.

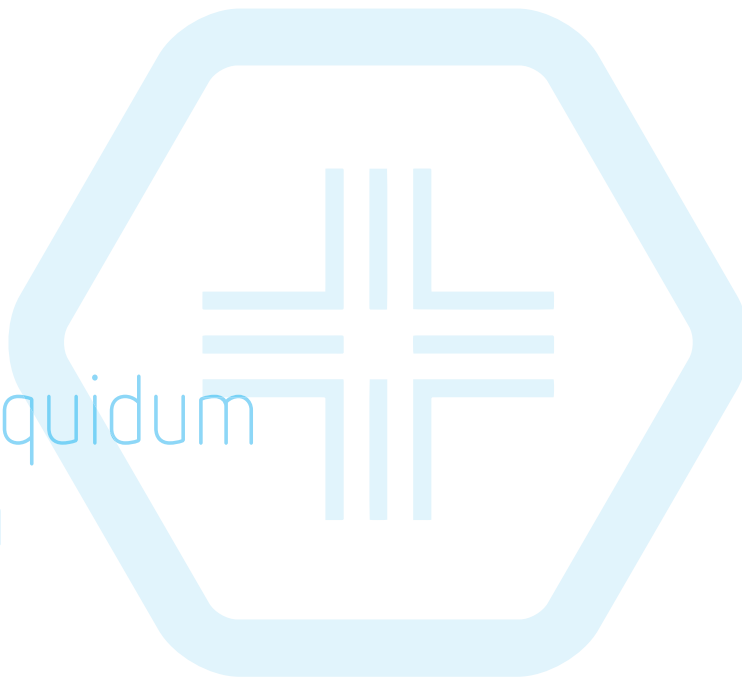
PURA V petroleum jellies can be used as base materials in pharmaceutical products such as creams, lotions, ointments and balms.

Applications

PURA V petroleum jellies are unctuous semi-solid hydrocarbon mixtures, long fibered or in paste, translucent or opaque. They represent an optimal base for many different pharmaceutical applications:

- Skin Protectants
- Veterinary
- Excipients
- Laxative preparations
- Gauze dressings
- Pain balms
- Applicaps for eyes
- Dental adhesive formulations

paraffinum liquidum
vaselinum album





General info

Features

PURA white oils and PURA V petroleum jellies are the right compromise between high level of purity and biodegradability, to minimize human and environmental impacts. They are essentially free from:

- Microbes
- Animal derivatives
- Toxic PAH
- Heavy metals
- Substances classified as carcinogenic, mutagenic or toxic to reproduction
- Residual solvents
- Toxic chemicals
- Allergens and irritants

Regulation Requirements

PURA white oils and PURA V petroleum jellies are in compliance with:

- USP – NF Pharmacopoeia
- European Pharmacopoeia
- British Pharmacopoeia
- Japanese Pharmacopoeia,
- Farmacopea Ufficiale Italiana
- French Codex
- DAB Pharmacopeia

Health and Safety

Detailed health and safety information for this product are provided in the Material Safety Data Sheet (MSDS), available on request.

Storage and Handling

Shelf life of PURA white oils and PURA V petroleum jellies is 36 months. This is valid for products stored in the original sealed containers, preserved in a covered, not wet, lightless place, far from sources of heat (max storage Temperature 30°C) and pollutants (dust, etc.).

Further Information

Ramoil supplies a range of products and service;
for any other information please contacts us:



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The information and data contained in this document
were assembled to the best of our knowledge.

This product data sheet is for information and does not
represent a warranty for any particular property.

Each user must check the products and the compliance to
its own use and applications, subject to the applicable
laws and regulations, in force in each country.

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