

# ExxonMobil

## Parvan 1270

ExxonMobil Specialties, United Kingdom

### Product Description

Parvan 1270 is a low-range melting point product in the Parvan line of fully refined paraffin waxes. Parvan waxes meet the requirements for most industrial wax applications and meet applicable Food and Drug Administration (FDA) requirements for food, health and cosmetic-related uses. Parvan 1270 is a translucent crystalline material in the solid state and a water white, low viscosity, clear liquid when molten. It is derived from petroleum via a carefully controlled refining process and is primarily comprised of straight chain normal paraffin hydrocarbons, which impart excellent gloss and water repellent properties. Resistance to most acids and alkalis is good. The low oil content ensures that Parvan 1270 does not stain coated materials.

Parvan 1270 contains an FDA approved oxidation inhibitor to enhance the natural resistance to oxidation.

ExxonMobil waxes are produced and controlled according to the ExxonMobil Product Quality Management System, EN ISO 9000 or equivalent standard

### Applications

Parvan 1270 can be used in the following applications subject to applicable laws and regulations in each jurisdiction\*:

- Candles
- Wax blends and emulsions
- Paper converting
- Paper cup and package coatings
- Cosmetic formulations
- Polishes and paste waxes
- Crayons
- Sun-checking waxes for rubber and tires

\* User must check compliance with applicable regulations

## Properties and Specifications

Parvan 1270 meets applicable Food and Drug Administration (FDA) requirements for food, health and cosmetic-related uses detailed in and 21 CFR 178.3710, including the UV absorbance requirements.

Property	Standard Method (a)	Typical	Min	Max
Melting Point, °C (°F)	ASTM D 87	52.2 (126)	51.7 (125)	53.3 (128)
Oil Content, wt %	ASTM D 721			0.5
ATSM Saybolt D156 Color	ASTM D 6045		+28	
Odor, Wax	ASTM D 1833			1
Penetration @ 25°C (77°F), needle, 0.1mm	ASTM D 1321	16		
Penetration @ 40°C (104°F), needle, 0.1 mm	ASTM D 1321	108		
Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s (cSt)	ASTM D 445	3.4		
Density, @ 15°C (59°F), kg/m <sup>3(b)</sup>	ASTM D 1298	814		
Flash Point COC, °C (°F)	ASTM D 92		204 (400)	

(a) In lieu of standard test method, alternate test methods may be used for the certification of a product property.

(b) Density at 15°C is based on measurement of the wax liquid density at a higher temperature corrected to 15°C using ASTM D1250 Table B.

Note 1: Products are certified on release to meet the values specified. Actual values may deviate within the established reproducibility of the test method specified.

Note 2: For purpose of determining conformance with specification, observed or calculated values shall be rounded off to the nearest unit in the last significant digit used in expressing the limiting value in accordance to the ASTM E 29 method

## Health and Safety

Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request through your local sales representative or from [www.ExxonMobil.com](http://www.ExxonMobil.com)

## Further Information

ExxonMobil supplies a full range of waxes, white oils, process oils, asphalt and a full range of lubricants, fuels and chemical products worldwide. Please contact your local ExxonMobil representative, or contact us at [www.ExxonMobil.com](http://www.ExxonMobil.com), for more information on other products.

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# ExxonMobil

## Waxrex 1280

ExxonMobil Specialties, United States

### Product Description

Waxrex 1280 is a lower-range melting point semi-refined paraffin wax. It is derived from petroleum via a carefully controlled refining process to provide low color and controlled oil content. Waxrex 1280 meets the requirements for most industrial wax applications and Food and Drug Administration (FDA) standards for indirect food contact substances.

Waxrex 1280 is a translucent crystalline material in the solid state and is water-white in color and low in viscosity when molten. It is composed mainly of normal, straight chain paraffin hydrocarbons that impart properties of water repellency.

Waxrex 1280 contains an oxidation inhibitor to enhance the natural resistance to oxidation.

ExxonMobil waxes are produced and controlled according to the ExxonMobil Product Quality Management System, EN ISO 9000 or equivalent standard.

### Applications

Waxrex 1280 is primarily used as a component in the manufacture of candles subject to applicable laws and regulations in each jurisdiction\*.

\* User must check compliance with applicable regulations.

### Properties and Specifications

“Waxrex 1280 meets the applicable U.S. Food and Drug Administration (FDA) requirements for use as a components of nonfood articles in contact with food, as detailed in 21 CFR 178.3710 (a) through (f), including the UV absorbance requirements.”

Property	Standard Method(a)	Typical	Min	Max
Melting Point, °C (°F)	ASTM D 87	53.3 (128)	51.6 (124.9)	53.6 (128.5)
Oil Content, wt %	ASTM D 721		5	7
ATSM Saybolt D156 Color	ASTM D 6045		28	

Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s (cSt)	ASTM D 445	3.7
Density, @ 15°C (59°F), kg/m <sup>3</sup> (b)	ASTM D 1298	820
Flash Point COC, °C (°F)	ASTM D 92	204(400)
Penetration @ 25°C (77°F), needle, 0.1mm	ASTM D 1321	29

(a) In lieu of standard test method, alternate test methods may be used for the certification of a product property.

(b) Density at 15°C is based on measurement of the wax liquid density at a higher temperature corrected to 15°C using ASTM D1250 Table B.

Note 1: Products are certified on release to meet the values specified. Actual values may deviate within the established reproducibility of the test method specified.

Note 2: For purpose of determining conformance with specification, observed or calculated values shall be rounded off to the nearest unit in the last significant digit used in expressing the limiting value in accordance to the ASTM E 29 method

#### Health and Safety

Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request through your local sales representative or from [www.ExxonMobil.com](http://www.ExxonMobil.com)

#### Further Information

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