



## Waxrex 1270

ExxonMobil Specialties , Sweden

### Product Description

Waxrex 1270 is a lower-range melting point semi-refined paraffin wax. It is derived from petroleum via a carefully controlled refining process to provide low colour and low oil content. Waxrex 1270 meets the requirements for many industrial wax applications and also meets requirements of RAL for candle manufacture. Waxrex 1270 is a translucent crystalline material in the solid state and is water-white in colour and low in viscosity when molten. It is composed mainly of normal, straight chain paraffin hydrocarbons that impart properties of water repellency and resistance to most acids and alkalis.

Waxrex 1270 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 1270 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 1270 meets the requirements of RAL-GZ 041 for candle manufacture.

| Property  | Standard Method(a) | Typical | Min         | Max         |
|---|--------------------|---------|-------------|-------------|
| Melting Point, °C (°F)                                | ASTM D 87          |         | 52.0(125.6) | 57.0(134.6) |
| Oil Content, wt %                                     | ASTM D 721         |         |             | 2.5         |
| Colour, Saybolt                                       | ASTM D 6045        |         | +25         |             |
| Odour, cold   | ASTM D1833         |         |             | 1           |
| Penetration @ 25°C (77°F), needle, 0.1mm              | ASTM D 1321        |         |             | 55          |
| 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        | 819     |             |             |
| Flash Point COC, °C (°F)                              | ASTM D 92          |         | 200(392)    |             |

(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, wax emulsions, white oils, process oils, bitumen 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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05-2020

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