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# Waxrex 1280

## Semi-Refined Paraffin Wax

### 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 colour and low oil content. Waxrex 1280 meets the requirements for many industrial wax applications and also meets the requirements of RAL for candle manufacture. Waxrex 1280 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, which impart properties of water repellency and resistance to most acids and alkalis.

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 standards.

### Applications (\*)

Waxrex 1280 is typically used as a component in the manufacture of candles.

(\*) Applications are subject to applicable Laws and Regulations in each country

### Properties and Specifications

Waxrex 1280 meets the requirements of RAL-GZ 041 for candle manufacture.

Typical values may vary within modest ranges and specifications may be subject to change.

Property	Method	Typical	Specification	
			MIN	MAX
Melting Point, °C	ASTM D87	-	52.0	56.0
Oil Content, wt %	ASTM D721	-	-	1.5
Colour, Saybolt	ASTM D6045	-	+25	-
Odour, cold	ASTM D1833	-	-	1
Penetration @ 25°C , needle, 0.1mm	ASTM D1321	-	12	23
Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s (cSt)	ASTM D445	3.3	-	-
Density, @ 85°C , kg/m <sup>3</sup>	ASTM D1298	760	-	-
Density, @ 15°C , kg/m <sup>3</sup> <sup>^</sup>	ASTM D1298	810	-	-
Flash Point COC, °C (°F)	ASTM D92	-	204 (399)	-

<sup>^</sup> Density is based on testing liquid wax and calculating the density as a liquid at 15°C for accounting purposes.

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## Health and Safety

<http://www.mitrovich.info>

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)

## Storage and Handling

Recommended practices for safe and efficient storage and handling of bulk waxes in liquid form can be found in a separate bulletin, "Storage and Handling of Liquid Waxes".

## 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.

ExxonMobil Lubricants & Specialties

All products may not be available locally. For more information, contact your local sales office or visit [www.exxonmobil.com](http://www.exxonmobil.com).

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