ExxonMobil

WAXREX ™1281

ExxonMobil Specialties , United States

Product Description

Waxrex 1281 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 1281 meets the requirements for most industrial wax applications and Food and Drug Administration (FDA) standards for indirect food contact substances. Waxrex 1281 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 1281 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 1281 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.

Regulations and Claims

WAXREX 1281 meets:
FDA 21 CFR 178.3710

Properties and Specifications

Property	Standard Method(a)	Min	Max
Melting Point, °C (F)	ASTM D87	51.0 (123.8)	56.0 (132.8)
Oil Content, wt%	ASTM D721	0	5.0
ASTM Saybolt D156 Color (ASTM D6045 Acceptable)	ASTM D6045	28	
Odor, Wax	ASTM D1833		1
Flash Point, Cleveland Open Cup, °C (F)	ASTM D92	204(400)	

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

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

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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