ExxonMobil

Prowaxx™ 1254 SR

ExxonMobil Specialties , Canada

Product Description

Prowaxx 1254 SR is a low melt point, semi-refined paraffin wax product designed to work as the paraffin component in plant-based candle formulations. The narrow range melt point and oil content specifications enables consistent formulation of the candle system. The optimal oil content provides excellent glass adhesion in container candle wax formulations. Its unique composition makes it well equipped at minimizing syneresis in container candle blends. Prowaxx 1254 SR performs well in both pouring and slurry candle manufacturing.

Prowaxx 1254 SR is a translucent crystalline material in the solid state and is water-white, low viscosity, clear liquid when molten. It is produced via a carefully controlled manufacturing process to ensure consistent quality.

Prowaxx 1254 SR meets the requirements for the Food and Drug Administration (FDA) standards for indirect food contact substances and contains an oxidation inhibitor to improve stability.

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

Features and Benefits

Features	Advantages and Potential Benefits
Defined narrow range melt point	Enables consistent formulation with plant-based candle waxes
Optimal oil content	Excellent container glass adhesion
Controlled molecular composition	Minimal syneresis (oil bleed) Candle manufacturing flexibility (pouring and slurry)
Oxidation resistance	Improved stability
Food grade quality	Can be safely used as a component of nonfood articles in contact with food*

*User must check compliance with applicable regulations

Applications

Prowaxx 1254 SR is primarily used as a component in the manufacture of container candles subject to applicable laws and regulations in each jurisdiction*.

*User must check compliance with applicable regulations.

Regulations and Claims

PROWAXX 1254 SR meets:
FDA 21 CFR 178.3710

Properties and Specifications

Property	Standard Method(a)	Typical	Min	Max
Saybolt Color	ASTM D156		+28	
Odor, Wax	ASTM D1833			1
Oil Content, wt%	ASTM D721		5	7
Melting Point, °C	ASTM D87		50.5	53.0
Flash Point, Cleveland Open Cup, °C	ASTM D92		204	

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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