

**Prowax™ 411**

ExxonMobil Specialties , Pakistan

**Product Description**

Prowax 411 is a low-range melting point product in the Prowax line of petroleum slack and scale waxes. It is a translucent crystalline material in the solid state and a yellow-to-amber, clear liquid when molten. It is derived from petroleum via a carefully controlled refining process. Prowax 411 is comprised of a mixture of straight normal paraffin and branched, iso-paraffin hydrocarbons.

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

**Applications**

Prowax 411 can be used in the following applications subject to applicable laws and regulations in each jurisdiction\*:

- Candles wax blends
- Wax emulsions
- Wax blends

\* User must check compliance with applicable regulations

**Properties and Specifications**

Property	Standard Method(a)	Min	Max
ASTM Color by Auto Tristimulus	ASTM D6045		1.0
Flash Point, Cleveland Open Cup, °C	ASTM D92	204	
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s	ASTM D445	3.5	4.5
Melting Point, °C	ASTM D87	51.0	56.0
Oil Content, wt%	ASTM D721		5.0

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 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.as>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

02-2024

ExxonMobil Asia Pacific Ltd

1 HarbourFront Place

#06-00 HarbourFront Tower One

Singapore 098633

+65 6885 5000

<http://www.exxonmobil.com>

Every care has been taken in the preparation of this information. To the extent permitted by applicable law, all warranties and/or representations, express or implied

the accuracy of the information are disclaimed, and no liability is accepted for the accuracy or completeness of the same.

ExxonMobil

Exxon

Mobil





© Copyright 2003-2024 Exxon Mobil Corporation. All Rights Reserved