



Prowax™ 460

ExxonMobil Specialties , Central America

Product Description

Prowax 460 is a mid-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, clear liquid when molten. It is derived from petroleum via a carefully controlled refining process and is primarily comprised of a mixture of straight chain normal paraffin and branched, iso-paraffin hydrocarbons.

This product is produced and controlled according to the ExxonMobil Product Quality Management System, EN ISO 9000 or equivalent standard.

Applications

Prowax 460 can be used in the following applications subject to applicable laws and regulations in each jurisdiction*:

- Wax emulsions
- Wax blends
- Wood and fiber board sizing

* User must check compliance with applicable regulations

Properties and Specifications

Property	Standard Method(a)	Typical	Min	Max
ASTM Color by Auto Tristimulus	ASTM D6045			1.5
Density @ 15 C, kg/m ³	ASTM D1298	845		
Flash Point, Cleveland Open Cup, °C (F)	ASTM D92		232 (450)	
Kinematic Viscosity @ 100 C, mm ² /s	ASTM D445	8.3	6.8	10.0
Needle Penetration, 25 C, 0.1 mm	ASTM D1321	63		
Oil Content, wt%	ASTM D721			10.0
Odor	OLFACTORY			
Appearance (Molten)	VISUAL			
Congeaing Point, °C	ASTM D938	65.0	60.0 (140)	67.8 (154)

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](#)

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

01-2021

ExxonMobil Lubricants & Specialties Company

3225 Gallows Road

Fairfax, VA 22037

USA

+1 703 846 3000

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

Energy lives here™

ExxonMobil



© Copyright 2003-2019 Exxon Mobil Corporation. All Rights Reserved