



Prowax 510

ExxonMobil Specialties, Italy

Product Description

Prowax 510 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 straw yellow-to-amber, clear liquid when molten. It is derived from petroleum via a carefully controlled refining process. Prowax 510 is comprised of a mixture of straight chain 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 510 can be used in the following applications subject to applicable laws and regulations in each jurisdiction*:

- Candle wax blends
- Wax emulsions
- Wax blends

* User must check compliance with applicable regulations

Properties and Specifications

Property	Standard Method(a)	Typical	Min	Max
Melting Point, °C (°F)	ASTM D 87		44.0(111.2)	56.0(132.8)
Oil Content, wt %	ASTM D 721			12.0
Colour, ASTM	ASTM D 1500			2.0
Penetration @ 25°C (77°F), needle, 0.1mm	ASTM D 1321	64		
Kinematic Viscosity @ 100°C, mm ² /s (cSt)	ASTM D 445		2.6	4.5
Density, @ 15°C (59°F), kg/m ³ (b)	ASTM D 1298	819		
Flash Point COC, °C (°F)	ASTM D 92		180(356)	

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

(b) Density at 15°C is based on measurement of the wax liquid density at a higher temperature corrected to 15°C using ASTM D1250 Table B.

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

Health and Safety

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

The ExxonMobil logotype (and any other trademarks) are trademarks of Exxon Mobil Corporation or one of its subsidiaries.
</BR>

05-2020

ExxonMobil Lubricants & Specialties Europe

Hermeslaan 2
1831 Machelen
BELGIUM
+32-2-722-2111
<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