



## Prowax 480

ExxonMobil Specialties , United States

### Product Description

Prowax 480 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 480 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
Congealing Point, °C (°F)	ASTM D 938		60.0(140.0)	70.6 (159.1)
Oil Content, wt %	ASTM D 721			10.0
Color, ASTM	ASTM D 6045			2.5
Penetration @ 25°C (77°F), needle, 0.1mm	ASTM D 1321	62		
Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s (cSt)	ASTM D 445		6.8	11.9
Density, @ 85°C (185°F), kg/m <sup>3</sup>	ASTM D 1298	786		
Density, @ 15°C (59°F), kg/m <sup>3</sup> (b)	ASTM D 1298	849		
Flash Point COC, °C (°F)	ASTM D 92		232(450)	

(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](http://www.ExxonMobil.com)

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05-2020

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