



## Parvan 1381

ExxonMobil Specialties , Bangladesh

### Product Description

Parvan 1381 is a mid-range melting point product in the Parvan line of fully refined paraffin waxes. Parvan waxes meet the requirements for most industrial wax applications and meet applicable Food and Drug Administration (FDA) requirements for food, health and cosmetic-related uses. Parvan 1381 is a translucent crystalline material in the solid state and a water white, low viscosity, clear liquid when molten. It is derived from petroleum via a carefully controlled refining process and is primarily comprised of straight chain normal paraffin hydrocarbons, which impart excellent gloss and water repellent properties. Resistance to most acids and alkalis is good. The low oil content ensures that Parvan 1381 does not stain coated materials.

Parvan 1381 contains an FDA approved oxidation inhibitor to enhance the natural resistance to oxidation.

Parvan waxes are biodegradable under composting conditions<sup>†</sup>

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

<sup>†</sup>Parvan waxes are biodegradable according to ASTM D6400-12 using ASTM D5338-11

### Applications

Parvan 1381 can be used in the following applications subject to applicable laws and regulations in each jurisdiction\*:

- Candles
- Wax blends and emulsions
- Paper converting
- Paper cup and package coatings
- Cosmetic formulations
- Polishes and paste waxes
- PVC lubricants
- Adhesives
- Crayons
- Sun-checking waxes for rubber and tires

\* User must check compliance with applicable regulations

### Regulations and Claims

|   |
|---|
| <b>This product meets or exceeds the requirements of:</b>         |
| ASTM Biodegradable according to ASTM D6400-12 using ASTM D5338-11 |
| FDA 21 CFR 178.3710   |

### Properties and Specifications

| Property | Standard Method(a) | Typical | Min | Max |
|----------|--------------------|---------|-----|-----|
|----------|--------------------|---------|-----|-----|

| Property  | Standard Method(a) | Typical   | Min       | Max       |
|---|--------------------|-----------|-----------|-----------|
| ASTM Saybolt D156 Color (ASTM D6045 Acceptable) | ASTM D6045         |           | 28        |           |
| Density @ 15 C, kg/m3                           | ASTM D1298         | 819       |           |           |
| Flash Point, Cleveland Open Cup, °C (F)         | ASTM D92           |           | 204(400)  |           |
| Kinematic Viscosity @ 100 C, mm2/s              | ASTM D445          | 4.0       |           |           |
| Melting Point, °C (F)                           | ASTM D87           | 58.3(137) | 57.8(136) | 59.4(139) |
| Needle Penetration, 25 C, 0.1 mm                | ASTM D1321         | 14        |           |           |
| Needle Penetration, 40 C, 0.1 mm                | ASTM D1321         | 55        |           |           |
| Odor, Wax                                       | ASTM D1833         |           |           | 1         |
| Oil Content, wt%                                | ASTM D721          |           |           | 0.6       |

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.

(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.

### 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.

06-2020

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, 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**

Exxon Mobil ESSO XTO

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