



Prowaxx 1471 CY

ExxonMobil Specialties , United States

Product Description

Prowaxx 1471 CY is a mid to high melt point, fully refined [FR] paraffin wax that is compositionally engineered to work well as the primary wax component in crayons. It 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 yielding a food grade wax with low to no odor. Prowaxx 1471 CY is primarily comprised of straight chain normal paraffin hydrocarbons, which impart excellent gloss and water repellent properties.

The ExxonMobil fully refined waxes, such as Prowaxx 1471 CY, meet the requirements for the Food and Drug Administration (FDA) standards for indirect food contact substances and contain an oxidation inhibitor to improve stability.

Prowaxx 1471 CY is biodegradable under composting conditions according to ASTM D6400 using ASTM D5338.

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

Features and Benefits

*User must check compliance with applicable regulations

| Features | Advantages and Potential Benefits |
|---|---|
| Colorless and translucent in solid state | Achieves true dye color representation |
| Food grade quality | Can be safely used as a component of nonfood articles in contact with food* |
| Low oil content | Minimal syneresis (oil bleed) |
| Oxidation resistance | Superior shelf life enables improved product stability |
| Low to no odor | No cross-odor contamination |
| Primarily straight chain normal paraffin hydrocarbons | Outstanding water repellent properties Excellent gloss |

Applications

Prowaxx 1471 CY can be used in the following applications subject to applicable laws and regulations in each jurisdiction*:

- Crayons
- Paper cup and package coatings
- Wax blends and emulsions

*User must check compliance with applicable regulations

Regulations and Claims

This product is registered to the requirements of:

International Biodegradable Products Institute, Inc. BPI Compostable Certificate

This product meets or exceeds the requirements of:

FDA 21 CFR 178.3710

ASTM Biodegradable according to ASTM D6400-12 using ASTM D5338-11

Properties and Specifications

| Property | Standard Method(a) | Min | Max |
|---|--------------------|-----------|-----------|
| Flash Point, Cleveland Open Cup, °C (F) | ASTM D92 | 210(410) | |
| ASTM Saybolt D156 Color (ASTM D6045 Acceptable) | ASTM D6045 | 26 | |
| Odor, Wax | ASTM D1833 | | 1 |
| Oil Content, wt% | ASTM D721 | | 0.7 |
| Melting Point, °C (F) | ASTM D87 | 62.8(145) | 65.0(149) |

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.

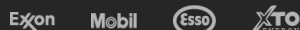
12-2024

Exxon Mobil Corporation
22777 Springwoods Village Parkway
Spring TX 77389

+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.

ExxonMobil

© Copyright 2003-2025 Exxon Mobil Corporation. All Rights Reserved