

Lanco™ 1380 F

Modified Polypropylene Wax – Micronized and Classified

Lanco™ 1380 F is a micronized wax with a high melting range and excellent toughness. In liquid coatings the use of Lanco 1380 F shows a high hardness in combination with matting efficiency and an especially good burnishing resistance. Because it contains no halogens, Lanco 1380 F can also be employed in areas where PTFE/PE waxes cannot be used. In powder coatings Lanco 1380 F leads to excellent degassing and reduces pin holes. Due to its composition Lanco 1380 F can also be used as degassing agent for critical substrates such as zinc coated or hot dipped galvanized steel. Lanco 1380 F is suitable for use in eco-label paints and coatings.

FEATURES AND BENEFITS

- Burnishing Resistance
- Contains Bio-Based Content
- Degassing
- Matting Efficiency
- Minimal Gloss Impact
- Scratch Resistance

CHARACTERISTICS

Characteristic Name	Value
Addition Levels (% on total formula)	For surface protection the recommended addition rate is 0.1 to 2.5%. For matting a combination of silica and Lanco 1380F can be used, with the recommended level of wax between 1 and 5%.
Appearance	Free flowing white powder
Chemical Type	Proprietary blend of polymers
Density (g/cm ³ @ 20°C)	0.95
Incorporation Recommendations	Lanco 1380F is easily dispersible. It can be incorporated using normal stirrers. In low viscosity systems, high shear mixers such as dissolvers or bead mills may be required.
Melting Point (°C)	150
Particle Size Dv50 (µm)	≤ 9
Particle Size Dv90 (µm)	≤ 22

REGULATORY

- PTFE-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings
- Transportation Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 1,825 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

DISCLAIMER

Lubrizol Advanced Materials, Inc. ("Lubrizol") hopes that you have found the information provided helpful, but you are cautioned that this material, including any prototype formulas, is for informational purposes only and you are solely responsible for making your own assessment of appropriate use of the information. **TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAWS, LUBRIZOL MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES (WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE), INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR REGARDING THE COMPLETENESS, ACCURACY, OR TIMELINESS OF ANY INFORMATION.** Lubrizol does not guarantee how the materials referenced herein will perform in combination with other substances, in any methods, conditions, or processes, with any equipment, or in non-laboratory environments. **BEFORE COMMERCIALIZATION OF ANY PRODUCT CONTAINING THESE MATERIALS, YOU SHOULD THOROUGHLY TEST SUCH PRODUCT, INCLUDING HOW THE PRODUCT IS PACKAGED, TO DETERMINE ITS PERFORMANCE, EFFICACY, AND SAFETY.** You are solely responsible for the performance, efficacy, and safety of any

products you manufacture. Lubrizol shall not be liable, and you shall assume all risk and responsibility for, any use or handling of any material. Any claims may not be approved in all jurisdictions. Any entity making claims related to these products is responsible for complying with local laws and regulations. Nothing contained herein is to be considered as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner, and it is your sole responsibility to determine if any issues related to patent infringement of any component or combination of components relating to the information provided exists. You acknowledge and agree that you are using the information provided herein at your own risk. If you are dissatisfied with the information provided by Lubrizol, your exclusive remedy shall be to not use the information.

COPYRIGHTS

Trademarks owned by The Lubrizol Corporation or its affiliates. © The Lubrizol Corporation 2022, All Rights Reserved.