

Lanco™ 1411 F

Modified Polyethylene Wax – Micronized and Classified

Lanco™ 1411 F gives improved surface feel and hardness in coatings films. It is easily dispersed into the formulation and shows very good storage stability. Lanco 1411 F may be used on its own or in combination with silica matting agents.

FEATURES AND BENEFITS

- Abrasion Resistance
- Block Resistance
- Contains Bio-Based Content
- Matting Efficiency
- Scratch Resistance
- Soft Feel

CHARACTERISTICS

Characteristic Name	Value
Acid Number (mg KOH/g)	< 4
Addition Levels (% on total formula)	The recommended addition level is 0.5 – 2.0%, based on total formulation weight.
Appearance	Free-flowing white powder
Chemical Type	Modified polyethylene wax
Density (g/cm ³ @ 20°C)	0.95
Incorporation Recommendations	Lanco 1411 F can be easily dispersed using low speed mixers. Formulation variables such as viscosity, solvent package, resin type etc. can influence the ease of incorporation. High-energy dispersers may offer advantages in some coating systems.
Melting Point (°C)	142
Particle Size Dv50 (µm)	≤ 9
Particle Size Dv90 (µm)	≤ 22
Storage & Handling	Material should be stored on pallets in closed areas. A storage temperature of 30°C should not be exceeded.

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings
- Analog Printing Inks

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.