

PrintRite™ DP 234E

Engineered Polymeric Digital Print Solution

PrintRite DP 234E is a custom formulated solution based on waterborne polymer dispersions. It is specifically designed to achieve excellent adhesion and scratch resistance on polyolefin and other film substrates without the need for a primer application. PrintRite DP 234E is designed as a ready-to-use product and coatings made with this product will exhibit a full matt finish with excellent print properties, outstanding adhesion and scratch resistance. PrintRite DP 234E can be processed at low temperatures making this product ideal for film applications and it is suitable for use with eco-solvent, solvent ink and latex inks. PrintRite DP 234E is designed for application to various film media as supplied, and is typically suitable for methods including rod/bar application, gravure and various others. Optimized adhesion, durability and scratch resistance are obtained with sufficient drying. This product is designed to dry and cure at temperatures suitable for film applications, however running speeds should be established to ensure product is adequately dried to obtain optimum performance during printing. These temperatures will be dependent upon substrate, machine conditions, and any subsequent formulating by the customer; however, typical drying temperatures would be approximately 70 to 90° C. Application weights will vary depending upon substrate and final performance requirements but would be in the range of 15 to 30 g/m² for film applications.

FEATURES AND BENEFITS

- Adhesion
- Fast Dry
- High Print Quality
- Ink Receptive
- Matte
- UV Resistance

CHARACTERISTICS

Characteristic Name	Value
Appearance	Opaque white liquid
Brookfield Viscosity (cps)	550 - 700
pH Value	8.0 - 10.0
Solids (wt %)	36.5 - 40.5

REGULATORY

- Formaldehyde-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Digital Printing Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

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.