

# CRAYVALLAC® WN-1442

Polyethylene Wax

## Product Benefits

CRAYVALLAC® WN-1442 is a very fine polyethylene wax.

CRAYVALLAC® WN-1442 is readily dispersed into coating formulations using a variety of techniques e.g. high-speed dispersers, bead mills and triple roll mills.

In general, micronised waxes are best incorporated into coating systems by pre-mixing with the binder.

Alternatively, waxes may be added to the formulation immediately following the dispersion stage but prior to the final letdown.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing CRAYVALLAC® WN-1442 be tested thoroughly to ensure suitability for their intended end use.

## Performance Benefits

- Enhances slip
- Improves rub, abrasion and scratch resistance
- Good anti-blocking
- Matting agent
- Readily dispersed

CRAYVALLAC® WN-1442 provides the formulator with means of controlling a coating's frictional characteristics as well as enhancing its surface properties.

CRAYVALLAC® WN-1442 is suitable for use in a wide range of coating applications, and in some cases it offers the formulator additional performance benefits:

- Paste and liquid inks
- Overprint varnishes
- General Industrial Coatings
- Can and Coil coatings
- Industrial wood finishing
- Powder coatings: Degassing

## Recommendations for Use

Generally 0.5–3.0% based on total formulation

## Sales Specifications

Dropping Point (CR010)	110 - 115°C
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## Other Properties

Appearance	White powder
Particle size (CR015) DV. 5	5.0 - 7.0 µm

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## Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: [www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

## Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 5°-30°C. Under these conditions the product may be stored for up to 4 years from production date.



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