

CRAYVALLAC[®] WN-1110

Micronised Modified Polypropylene Wax

Product Benefits

CRAYVALLAC[®] WN-1110 is a micronised modified polypropylene wax conforming to FDA 175.300.

CRAYVALLAC[®] WN-1110 is especially advised for applications which require high quality appearance, thanks to its purposely designed particle size distribution.

CRAYVALLAC[®] WN-1110 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-1110 be tested thoroughly to ensure suitability for their intended end use.

Performance Benefits

- Easily dispersed micronised powder
- Matting agent for use in a wide range of applications
- Imparts a smooth, silky feel and appearance
- Provides improved transparency in thin layers
- Enhances slip
- Improves rub, abrasion and scratch resistance

CRAYVALLAC[®] WN-1110 is especially recommended for:

- Industrial wood finishing
- Can and Coil coatings

CRAYVALLAC[®] WN-1110 is suitable for use in a wide range of solvent-based and water-based applications, including:

- Powder coatings
- Metal decorating
- General industrial coatings
- Paste and liquid inks

Recommendations for Use

Generally 0.5–2.5% based on total formulation

Sales Specifications

Dropping Point (CR010)	148 - 154°C (298 - 309°F)
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Other Properties

Appearance	White powder
Particle size (CR015) DV. 5	4.0 - 6.0 µm
Particle size (CR015) DV. 9	9 - 11 µm
Max. particle size (CR015)	21 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

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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