

CRAYVALLAC® WF-1000

Micronised PTFE Wax

Product Benefits

CRAYVALLAC® WF-1000 is a micronised PTFE wax conforming to FDA 175.300.

CRAYVALLAC® WF-1000, with its fine particle size and very low coefficient of friction, provides the formulator with an excellent aid to controlling the frictional characteristics of a coating as well as enhancing its surface protection properties. Furthermore, the very high melting point of CRAYVALLAC® WF-1000 makes it an excellent choice for high temperature applications.

CRAYVALLAC® WF-1000 may be used in both water-based and solvent-based ink and coating formulations. In these applications CRAYVALLAC® WF-1000 may be used as the sole modifier or in combination with other waxes. CRAYVALLAC® WF-1000 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 powders are best incorporated into coating systems by pre-mixing with the binder. Alternatively, they 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® WF-1000 be tested thoroughly to ensure suitability for their intended end use.

Performance Benefits

- Improves slip
- Enhances abrasion resistance
- Imparts good rub, mar and scratch resistance
- Good anti-blocking
- High heat resistance

Recommendations for Use

Generally 0.5–3.0% based on total formulation.

Sales Specifications

Particle Size (CR015)

DV. 5

4.0 – 9.0 µm

Other Properties

Appearance

White powder

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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 after production date.



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