

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WF-1000

SALES SPECIFICATION

Particulate Size (CR 015)
DV.5

4.0 – 9.0 µm

OTHER PROPERTIES

Appearance

White powder

PRODUCT INFORMATION

CRAYVALLAC WF-1000 is a micronised PTFE wax conforming to FDA 175.300. It provides the following benefits when used in coating applications:

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

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.

RECOMMENDED AMOUNTS

Generally 0.5–3.0% based on total formulation.

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

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.

PRECAUTIONS FOR STORAGE

CRAYVALLAC WF-1000 should be stored in the original containers in a dry place at temperatures between 5°C (41°F) and 30°C (86°F). Avoid exposure to direct sunlight or frost. Under these conditions the product may be stored for up to 4 years after production date.

PRECAUTIONS FOR USE

Please refer to the corresponding Safety Data Sheet.