

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WN-1220

SALES SPECIFICATION

Dropping Point (CR 010) 106-112°C

OTHER PROPERTIES

Appearance White powder

Particle Size (CR 015)
DV. 5 4.0-7.0 µm

PRODUCT INFORMATION

CRAYVALLAC WN-1220 is a very fine polyethylene wax conforming with FDA 175.300. It provides the following performance benefits:

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

CRAYVALLAC WN-1220 is a micronised non polar polyethylene wax and is particularly characterised by its hardness and toughness. **CRAYVALLAC WN-1220** provides the formulator with means of controlling a coating's frictional characteristics as well as enhancing its surface properties.

CRAYVALLAC WN-1220 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

Due to its fineness of grind and ease of dispersion, **CRAYVALLAC WN-1220** is particularly well suited for use in printing inks. However, extra care should be taken when using powerful solvents and processing temperatures in excess of 40°C.

RECOMMENDED AMOUNTS

Generally 0.5-3.0% based on total formulation

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC WN-1220 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-1220** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC WN-1220 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 from production date.

PRECAUTION FOR USE

Please refer to the corresponding Safety Data Sheet.