

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WN-3025

SALES SPECIFICATION

Dropping Point
(CR 010) 115-120°C
(239-248°F)

OTHER PROPERTIES

Appearance White powder

Spécific gravity
(CR 006) 0.95

Bulf density (g/cm3)
(CR 016) 0.25-0.30

Average particle size
(CR 015) 5.0 µm

PRODUCT INFORMATION

CRAYVALLAC WN-3025 is a finely micronised hard polyethylene wax conforming to FDA 175.300. It provides the following performance based benefits:

- Readily dispersed
- Exceptional rub, abrasion and scratch resistance
- Excellent heat and solvent resistance
- Very good slip and gloss retention

Due to its fineness of grind and ease of dispersion, **CRAYVALLAC WN-3025** is particularly well suited for use in stir in applications. It is also notable for its hardness, toughness and ease of dispersion. These features combine to provide the formulator with excellent control of the frictional characteristics of a coating as well as enhancing its surface protection properties. This makes **CRAYVALLAC WN-3025** suitable for use in a wide range of coatings applications:

- Paste and liquid inks
- Overprint varnishes
- General industrial coatings
- Can and Coil coatings
- Industrial wood finishing
- Powder coatings

CRAYVALLAC WN-3025, with its well-balanced performance properties, is of particular interest to the ink formulator. Here it provides an excellent balance between high rub resistance and good slip, yet with minimal detracton from gloss.

RECOMMENDED AMOUNTS

Generally 0.5-3.0% based on total formulation

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC WN-3025 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-3025** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC WN-3025 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.