

## COATING RESINS

### TECHNICAL DATA

### CRAYVALLAC WN-1442

#### SALES SPECIFICATION

Dropping Point  
(CR 010) 110-115°C

#### OTHER PROPERTIES

Appearance White powder

Particle Size (CR 015)  
DV. 5 5.0-7.0 µm

#### PRODUCT INFORMATION

**CRAYVALLAC WN-1442** 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-1442** provides the formulator with means of controlling a coating's frictional characteristics as well as enhancing its surface properties. **CRAYVALLAC WN-1442** 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 the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC WN-1442** be tested thoroughly to ensure suitability for their intended end use.

#### PRECAUTION FOR STORAGE

**CRAYVALLAC WN-1442** 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.

#### RECOMMENDED AMOUNTS

Generally 0.5-3.0% based on total formulation

#### INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

**CRAYVALLAC WN-1442** 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.