

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WS-8050

SALES SPECIFICATION

Specific gravity (CR 006) 0.90 ± 0.01

OTHER PROPERTIES

Appearance Low viscosity white dispersion

Viscosity @25°C (CR 008) Approx. 200 mPa.s.

Solid content (CR 009) Approx. 40 %

PRODUCT INFORMATION

CRAYVALLAC WS-8050 is a 40% active dispersion of polyethylene wax in butyl acetate, conforming to FDA 175.300. This product provides the following benefits when used in coating applications:

- Pre-dispersed and hence easy to incorporate
- Exceptional rub, abrasion and scratch resistance
- Exceptional slip, solvent and heat resistance
- Good surface hardness, toughness and anti-blocking
- Similar in performance to CRAYVALLAC WN-3025

The low viscosity and high active content of this dispersion, together with freedom from dust, assist the efficiency of manufacturing processes.

CRAYVALLAC WS-8050 provides the formulator with the means of controlling the frictional characteristics of a coating as well as enhancing its surface protection properties.

CRAYVALLAC WS-8050 is suitable for use in the following water-based and solvent-based applications:

- Inks
- Metal decorating
- Coil coatings
- General industrial coatings

The following summarises some of the potential applications for **CRAYVALLAC WS-8050**:

- In metal packaging, coil coating and general industrial coatings to improve slip, abrasion and rub resistance
- A matting agent – alone or in combination with silica
- To retard the settlement and allow the re-dispersion of pigments

RECOMMENDED AMOUNTS

Generally 1.0-6.0% based on total formulation

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC WS-8050 is readily dispersed into coating formulations using a variety of techniques. It also retards the settlement of pigments and assists in their re-dispersion.

The use of pre-dispersed waxes, such as **CRAYVALLAC WS-8050**, avoids the inconveniences commonly associated with micronised powders. Dispersions by nature are also easier and more efficient to incorporate, as they require less intensive processing.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC WS-8050** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC WS-8050 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 24 months from production date.

PRECAUTION FOR USE

Please refer to the corresponding Safety Data Sheet.