

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WS-4700

SALES SPECIFICATION

Specific gravity
(CR 006) 0.85 ± 0.01

OTHER PROPERTIES

Appearance Low viscosity white dispersion

Viscosity @25°C
(CR 008) Approx. 150 mPa.s.

Solid content
(CR 009) Approx. 40 %

PRODUCT INFORMATION

CRAYVALLAC WS-4700 is a 40% active dispersion of polyethylene wax in isopropanol, conforming to FDA 175.300. This product provides the following benefits when used in coating applications:

- Pre-dispersed
- Excellent storage stability
- Imparts excellent abrasion, scratch and rub resistance
- Enhances slip

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

CRAYVALLAC WS-4700 provides the formulator with the means of controlling the frictional characteristics of a coating as well as enhancing its surface protection properties.

CRAYVALLAC WS-4700 is suitable for use in the following water-based and solvent-based applications:

- Liquid inks
- Metal decorating
- Coil coatings
- General industrial coatings

RECOMMENDED AMOUNTS

Generally 1.0-6.0% based on total formulation

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC WS-4700 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-4700**, 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-4700** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC WS-4700 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.