

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WW-1077

SALES SPECIFICATION

Specific gravity
(CR 006) 1.01 ± 0.01

OTHER PROPERTIES

Appearance Low viscosity white dispersion

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

Solid content
(CR 009) Approx. 50 %

PRODUCT INFORMATION

CRAYVALLAC WW-1077 is a 50% active dispersion of PTFE modified polyethylene wax in water, conforming to FDA 175.300. This product provides the following benefits when used in coating applications:

- Excellent slip and lubricity
- Pre-dispersed
- Easy to incorporate
- Excellent storage stability
- Imparts excellent abrasion, scratch and rub resistance

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

CRAYVALLAC WW-1077 with its PTFE modification provides the formulator with the means of controlling the frictional characteristics of a coating as well as enhancing its surface protection properties.

CRAYVALLAC WW-1077 is suitable for use in the following water-based applications:

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

RECOMMENDED AMOUNTS

Generally 1.0-6.0% based on total formulation

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC WW-1077 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 WW-1077**, 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 WW-1077** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC WW-1077 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.

Exposure to temperatures less than 5°C may result in product agglomeration and settling.

PRECAUTION FOR USE

Please refer to the corresponding Safety Data Sheet.