

COATING RESINS

TECHNICAL DATA

CRAYVALLAC WF-9200

SALES SPECIFICATION

Dropping Point
(CR 010))

128-132°C
(262-269°F)

OTHER PROPERTIES

Appearance

White powder

Particle Size (CR 015)
DV. 5

6.0-9.0 µm

PRODUCT INFORMATION

CRAYVALLAC WF-9200 is a micronised PTFE modified polyethylene wax conforming to FDA 175.300. It provides the following benefits when used in coating applications:

- Especially suited for water-based systems
- Excellent slip and heat resistance
- Improves anti-blocking
- Provides good surface hardness and toughness
- Improves mar, scratch and abrasion resistance

The high melting point and PTFE modification of **CRAYVALLAC WF-9200** combine to provide the formulator with an excellent means of controlling the frictional characteristics of a coating as well as enhancing its surface protection properties.

CRAYVALLAC WF-9200 is suitable for use in a wide range of water-based coating applications, and in some cases it offers the formulator additional performance benefits:

- Printing inks: heat resistance
- Metal decorating : prevents metal marking
- General industrial coatings

RECOMMENDED AMOUNTS

Generally 0.5-3.0% based on total formulation

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC WF-9200 is readily dispersed into water-based 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 WF-9200** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC WF-9200 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.