

## COATING RESINS

### TECHNICAL DATA

### CRAYVALLAC FLOW-200

#### SALES SPECIFICATION

Non-volatile content, % @ 150°C (ISO 3251)	90 min.
Viscosity mPa.s at 23°C (ISO 2555)	5000 – 8000

#### OTHER PROPERTIES

Density at 25°C (77°F), g/cm <sup>3</sup>	1.06
Appearance	Clear liquid
Colour	Colourless

#### PRODUCT INFORMATION

**CRAYVALLAC FLOW-200** is a high performance polyester based flow and levelling agent for the control of coating surface properties. **CRAYVALLAC FLOW-200** conforms with FDA 175.300. The performance benefits of this product are:

- Enhances substrate wetting, flow and levelling
- Produces smoother films with fewer defects
- Suitable for most coating systems
- Contains no silicone ingredients
- Pourable
- 100% active

**CRAYVALLAC FLOW-200** is suitable for use in a wide range of solvent based coating systems and applications:

- Coil coatings
- Can coatings
- General industry
- Automotive OEM

#### RECOMMENDED AMOUNTS

Generally 0.1 – 2.0 % based on total formulation depending on the application.

#### INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

**CRAYVALLAC FLOW-200** has been developed specifically to eliminate film surface defects that may occur during the film formation. This high performance product functions primarily by reducing the surface tension of the coating to give enhanced substrate wetting and an improvement to flow and levelling.

The following benefits are to be gained by using **CRAYVALLAC FLOW-200** in solvent based coatings:

- Enhanced substrate wetting
- Improved flow and levelling
- Reduced craters and fisheyes
- Reduced orange peel and pinholes

The results of these enhancements are smoother films with fewer imperfections and a superior overall appearance when compared with the unmodified coating. **CRAYVALLAC FLOW-200** can be added to coating formulations prior to, or during, the pigment dispersion stage; the presence of polyester flow and levelling agents often results in improved pigment dispersion.

Nevertheless **CRAYVALLAC FLOW-200** is usually in the letdown stage either neat or pre-thinned in a suitable solvent to aid mixing.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC FLOW-200** be tested thoroughly to ensure suitability for their intended end use.

#### PRECAUTIONS FOR STORAGE

**CRAYVALLAC FLOW-200** 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 after production date.

#### PRECAUTIONS FOR USE

Please refer to the corresponding Safety Data Sheet.