

High performance polyester based flow and leveling agent for the control of surface properties
Polyester

Typical Characteristics

Nature	Polyester
Appearance	Clear liquid
Solid Content (%)	>90
Active Content (%)	>90
Brookfield viscosity (mPa.s)	5000 - 8000 @23°C
Color	Colourless

Description

CRAYVALLAC® FLOW-200 is a high performance polyester based flow and leveling agent for the control of surface properties. CRAYVALLAC® FLOW-200 is suitable for use in a wide range of solvent based systems and applications. 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 leveling. The results of these enhancements are smoother films with fewer imperfections and a superior overall appearance when compared with the unmodified coating.

Recommended addition level

0.1-2.0% under low to medium shear

Standard Packaging

Other packaging may be available upon request

- 200 Kg Drum

Handling & Storage

It 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. In these conditions, this product should be used within 48 months from delivery.

Processing instructions

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 prethinned in a suitable solvent to aid mixing.

Health and environmental data

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

Coatings & Inks

- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

Key Benefits

Formulation

- Compatibility
- Easy handling
- Post addition

Application

- Air release

Film Properties

- Defects reduction
- Gloss
- Levelling

APEO free:

Yes

Bacteria resistance:

Yes

Heavy metal free:

Yes