

Dispersion of polyethylene wax in isopropanol
Wax dispersion

Typical Characteristics

Nature	Polyolefin
Appearance	Low viscous white milky liquid
Solid Content (%)	40%
Active Content (%)	40
Specific gravity	0.85
Solvent	Isopropanol
Viscosity	Approx. 150 (Viscosity (mPas) at 10000 s-1 @25°C)

Description

CRAYVALLAC® WS-4700 is a 40% active dispersion of polyethylene wax in isopropanol. 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.

Recommended addition level

1.0 – 6.0% under low to medium shear dispersion

Standard Packaging

Other packaging may be available upon request

- 20 Kg Pail
- 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 24 months from delivery.

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.

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

Key Benefits

Formulation

- Easy handling
- Ready to use
- Post addition

Film Properties

- Matting effect
- Abrasion resistance
- Scratch resistance

APEO free: Yes

Bacteria resistance: Yes

Heavy metal free: Yes