

TECHNICAL DATA SHEET

CRAYVALLAC® WS-4700

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

- 200 Kg Drum
- 20 Kg Pail

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 production.

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.

MARKETS

Coatings & Inks

- Graphic Arts
- Industrial Coating

KEY BENEFITS

FORMULATION

- Easy handling
- Ready to use
- Post addition



FILM PROPERTIES

- Matting effect
- Slip improvement
- Scratch resistance



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*

** Not intentionally added but not specifically measured (not part of product specification)*

CRAYVALLAC® WS-4700

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.

Headquarter: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

