

TECHNICAL DATA SHEET

CRAYVALLAC® 60X

Oxidized polyethylene paste in xylene recommended as antissettling agent

Polyolefin

TYPICAL CHARACTERISTICS

Nature	Polyolefin
Appearance	Off-white paste
Solid Content (%)	25
Active Content (%)	25
Specific gravity	0.87
Solvent	Xylene

DESCRIPTION

CRAYVALLAC® 60X is a waxy solid paste consisting of very fine droplets of oxidized polyethylene dispersed in xylene recommended to prevent irreversible hard settling. The fine nature of this dispersion means that CRAYVALLAC® 60X is easily incorporated and activated in coating systems. It is mainly used in industrial and maintenance coatings where its primary function is to provide pigment suspension without any increase in the apparent viscosity. CRAYVALLAC® 60X can generally be used in most solvent-based formulations. Typical applications are epoxy primers, vinyl primers, anti-fouling paints, road marking paints and chlorinated rubber coatings.

RECOMMENDED ADDITION LEVEL

0.5-5% under medium Shear

STANDARD PACKAGING

Other packaging may be available upon request

- 170 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 production.

MARKETS

Coatings & Inks

- Industrial Coating

KEY BENEFITS

FORMULATION

- Easy handling
- Ready to use



STORAGE

- Antissettling
- In-can appearance
- Viscosity stability



APPLICATION

- Sprayability
- Temperature resistance



FILM PROPERTIES

- Gloss
- Levelling
- Transparency



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*

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

THICKENING MECHANISM

Non Associative



VISCOSITY CONTRIBUTION

High Shear contribution

Low Shear contribution

Mid Shear contribution



CRAYVALLAC® 60X

PROCESSING INSTRUCTIONS

CRAYVALLAC® 60X can be incorporated using most high shear dispersion equipment. It is particularly suited to incorporation by high-speed disperser. These develop both the necessary temperature and shear for efficient activation. CRAYVALLAC® 60X is best added to the highspeed disperser following the initial charge of binder, pigments and extenders prior to the dispersion stage. Efficient dispersion and activation requires the generation of a temperature in excess of 45°C (113°F) during the dispersion stage. One additional advantage to be gained from CRAYVALLAC® 60X is that when used in conjunction with amide based rheology modifiers such as CRAYVALLAC® SUPER and CRAYVALLAC® ULTRA a synergistic effect is often observed in that a disproportionately higher than expected level of anti-settle and sag resistance performance is obtained.

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.

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