

# CRAYVALLAC® 60X

Oxidized Polyethylene Wax Dispersed in Xylene

## Product Benefits

CRAYVALLAC® 60 X is a waxy solid paste consisting of very fine droplets of oxidized polyethylene dispersed in xylene. 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® 60 X 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.

CRAYVALLAC® 60 X 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® 60 X 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® 60 X 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.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing CRAYVALLAC® 60 X be tested thoroughly to ensure their suitability for their intended end use. In particular, application in poorly ventilated areas, or on hot substrates, or by hot spray, may require additional attention.

## Performance Benefits

- Easily dispersed
- Good anti-settle properties at spraying viscosities
- Very little effect on the apparent viscosity
- Good sag resistance
- Prevents caking in dip tanks, delivery lines and storage containers
- Good recoatability
- Tolerant to high processing temperatures

## Sales Specifications

Non-volatile content, % @ 150°C	22.5 - 26.5
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## Recommendations for Use

Anti-Settle and Sag Resistance	0.5 – 1.0%
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## Other Properties

Density at 25°C (77°F), g/cm <sup>3</sup>	0.87
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Appearance	Waxy solid
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## Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: [www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

## Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 5°-30°C. Under these conditions the product may be stored for up to 24 months from production date.



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