

COATING RESINS

TECHNICAL DATA

CRAYVALLAC 60X

SALES SPECIFICATION

Non-volatile content, % @ 150°C
(CR 011) 22.5 - 26.5

OTHER PROPERTIES

Density at 25°C (77°F), g/cm³
(CR 006) 0.87

Appearance Waxy solid

PRODUCT INFORMATION

CRAYVALLAC 60X is an oxidised polyethylene wax dispersed in xylene. The performance benefits of this product are:

- 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

CRAYVALLAC 60X meets FDA 175.300 requirements but this statement does not imply a blanket approval. The end user should refer to the specific FDA 175.300 regulation for details including extraction limitations and restrictions on the use of the product.

RECOMMENDED AMOUNTS

Anti-Settle and Sag Resistance 0.5 – 1.0%

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC 60X is a waxy solid paste consisting of very fine droplets of oxidised 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 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.

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 high-speed 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.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC 60X** 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.

PRECAUTIONS FOR STORAGE

CRAYVALLAC 60X 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. Under these conditions the product may be stored for up to 24 months from production date.

Exposure to elevated temperatures may result in the separation of this product into two phases, a liquid consisting mainly of xylene and a waxy solid.

PRECAUTIONS FOR USE

Please refer to the corresponding Safety Data Sheet.