

CRAYVALLAC A-620-A2



TECHNICAL DATA

SALES SPECIFICATION

Non-volatile content, % @ 150°C 59-61
(MOES1150)

Viscosity Brookfield (25°C), mPa.s 39-68
(MOLVBMPA)

Acid Value, mgKOH/g, on product as 2 (max.)
supplied
(MOLIASS)

Colour, Gardner 1 (max.)
(MOLIC)

OTHER PROPERTIES

Density at 25°C, g/cm³ 0.96

Appearance Liquid

Solvent Xylene

PRODUCT INFORMATION

CRAYVALLAC A-620-A2 is a high performance polyacrylate surface tension modifier for the control of coating surface properties.

The main characteristics of **CRAYVALLAC A-620-A2** are:

- Suitable for most coating systems
- Contains no silicone ingredients
- Recoatable
- Pourable

CRAYVALLAC A-620-A2 is suitable for use in a wide range of solvent based coating systems and applications:

- Alkyd resins
- Acrylic resins
- Epoxy resins
- Polyesters
- Vinyl thermoplastic resins

RECOMMENDED AMOUNTS

Generally 0.5 % additive solids on total vehicle solids for in spray applications.

1 % additive solids on total vehicle solids for roll coat, Coil and Deco.

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC A-620-A2 is most useful in roller coating and strip coating applications. The effect on brush, spray, dip and flow coat finishes, at optimum concentrations, is dramatic. At recommended levels, no side effects should be evident, with the exception that in some clear coatings over bright/reflective metals a slight haze may be noticeable, depending on compatibility.

The following benefits are to be gained by using **CRAYVALLAC A-620-A2** in solvent based coatings:

- Enhanced substrate wetting
- Improved flow and levelling
- Reduced craters and fisheyes
- Reduced orange peel and pinholes
- Improves gloss and DOI
- Will not detract from exterior durability

Its use is suggested in the following applications:

- Roller Applied Coatings
- Coil Coatings
- Metal Deco Coatings
- Thermoset systems
- Two Package Urethanes

The results of these enhancements are smoother films with fewer imperfections and a superior overall appearance when compared with the unmodified coating. **CRAYVALLAC A-620-A2** can be added to coating formulations at any step in the manufacturing of paints. **CRAYVALLAC A-620-A2** can also be post added in the field.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC A-620-A2** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTIONS FOR STORAGE

CRAYVALLAC A-620-A2 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 2 years after production date.

PRECAUTIONS FOR USE

Please refer to the corresponding Safety Data Sheet.

The information contained in this document is based on trials carried out by our technical centres and data selected from literature, but shall in no event be held to constitute or imply any warranty, undertaking, expressed or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by ARKEMA with regard to the handling, processing or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.



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