CRAYVALLAC® LA-350

Pourable Liquid Rheology Modifier

Product Benefits

CRAYVALLAC® LA-350 is a modified urea dissolved in DMSO and is a pourable liquid rheology modifier for post addition to water-based coatings such as water-dilutable alkyds and acrylic emulsions.

CRAYVALLAC® LA-350 should be added to the coating as a slow stream under low to medium shear conditions to ensure sufficient dispersion. Although efficient stirring is required to ensure homogeneity, elevated temperatures are not required for activation and the use of excessive shear should be avoided.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing CRAYVALLAC® LA-350 be tested thoroughly to ensure their suitability for their intended end use.

Performance Benefits

- Post addition pourable liquid
- Temperature independent activation
- pH independent
- Imparts shear thinning rheology with thixotropic viscosity recovery
- Good anti-sag properties
- Good recoatability

Recommendations for Use

Internal studies have shown optimum performance with addition levels of 0.5-2.0% of active additive on total solid resin.

Sales Specifications

Viscosity @25°C (77°F), mPa.s at 10000s^{-1} (ISO 3219)	50-300
Colour, Gardner scale (ISO 4630)	9 Max

Other Properties

Volatile	DMSO
Non-volatile content, % @150°C (302°F)	45

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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

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 12 months from production date.

ARKEMA
INNOVATIVE CHEMISTRY

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