

# CRAYVALLAC® LA-350

Liquid urea rheology modifier for post addition to water-based coatings

## Urea urethane

### TYPICAL CHARACTERISTICS

Nature	<b>Urea urethane</b>
Appearance	<b>Clear liquid</b>
Solid Content (%)	<b>45</b>
Active Content (%)	<b>45</b>
Solvent	<b>DMSO</b>

### DESCRIPTION

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 waterdilutable 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.

### RECOMMENDED ADDITION LEVEL

0.5-2.0% under low shear dispersion, post-addition

### STANDARD PACKAGING

Other packaging may be available upon request

- 200 Kg Drum
- 25 Kg Pail

### HANDLING & STORAGE

It should be stored in the original containers in a dry place at temperatures between 20°C (68°F) and 30°C (86°F). Use corrosion-resistant storage tanks and piping. Avoid exposure to direct sunlight or frost.

Containers must be tightly closed after use to exclude moisture. The absorption of moisture will result in the premature crystallization of the modified urea. In these conditions, this product should be used within 12 months from production.

### PROCESSING INSTRUCTIONS

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.

### 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.

### MARKET

#### Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

#### Adhesives & Sealants

- Assembly
- Other Adhesives

### KEY BENEFITS

#### FORMULATION

- **Easy handling**
- **Post addition**
- **Ready to use**



#### STORAGE

- **Antisettling**
- **In-can appearance**
- **Syneresis resistance**
- **Viscosity stability**



#### APPLICATION

- **Brushability**
- **Rollability**
- **Temperature resistance**



#### FILM PROPERTIES

- **Gloss**
- **Levelling**
- **Transparency**



- **APEO free**

Yes

- **Bacteria resistance**

Yes

### THICKENING MECHANISM

Non Associative



### VISCOSITY CONTRIBUTION

Low Shear contribution

