

COATING RESINS

TECHNICAL DATA

CRAYVALLAC LA-350

SALES SPECIFICATION

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

Flash point, °C (ISO 3679) > 70 (>158°F)

PRODUCT INFORMATION

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. The performance benefits of this product are:

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

RECOMMENDED AMOUNTS

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

INCORPORATION METHODS AND 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.

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.

PRECAUTIONS FOR STORAGE

CRAYVALLAC LA-350 containers must be tightly closed after use to exclude moisture. The absorption of moisture will result in the premature crystallisation of the modified urea.

CRAYVALLAC LA-350 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 12 months from production date.

PRECAUTIONS FOR USE

Please refer to the corresponding Safety Data Sheet.