

# CRAYVALLAC® PA5 XSR 25

Pre-activated amide rheology modifier supplied in xylene for enhanced shear robustness

## Polyamide

### TYPICAL CHARACTERISTICS

Nature	<b>Polyamide</b>
Appearance	<b>Off-white paste</b>
Solid Content (%)	<b>25</b>
Active Content (%)	<b>25</b>
Specific gravity	<b>0.86</b>
Solvent	<b>Xylene</b>

### DESCRIPTION

CRAYVALLAC® PA5 XSR 25 is a pre-activated amide wax dispersed in xylene. CRAYVALLAC® PA5 XSR 25 is an alcohol-free version of polyamide paste such as PA3 X 20 with an enhanced robustness to extended high speed dispersion. It is a rheology modifier in paste form for solvent-based industrial coatings, industrial wood finishes, protective and marine coatings.

The use of CRAYVALLAC® PA5 XSR 25 provides a very simple and direct means of introducing shear-thinning rheology with thixotropic viscosity recovery to coating formulations.

CRAYVALLAC® PA5 XSR 25 is a pre-activated amide paste and exists in the form of crystalline fibres. In a coating system, these fibres form an interacting network. It is this fibrous network that gives rise to the shear-thinning rheology of the final coating.

### RECOMMENDED ADDITION LEVEL

0.5-5.0% under low to medium shear dispersion

### STANDARD PACKAGING

Other packaging may be available upon request

- 15 Kg Pail

### HANDLING & STORAGE

It 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. In these conditions, this product should be used within 24 months from production.

### PROCESSING INSTRUCTIONS

CRAYVALLAC® PA5 XSR 25 can be incorporated into final systems using several methods, either directly into the millbase during or after the milling stage.

### 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

- Industrial Coating

### KEY BENEFITS

#### FORMULATION

- Ready to use
- Easy handling
- Post addition



#### STORAGE

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



#### APPLICATION

- Edge-coverage
- Sag resistance
- Sprayability



#### FILM PROPERTIES

- Gloss
- Levelling
- Pigment orientation



- APEO free **Yes**
- Bacteria resistance **Yes**
- Bio content (%) **22**
- Heavy metal free **Yes**

### THICKENING MECHANISM

Non Associative



### VISCOSITY CONTRIBUTION

Low Shear contribution

