CRAYVALLAC®

TECHNICAL DATA SHEET

CRAYVALLAC® PA5 XSR 25

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

Polyamide

22% bio-based product

TYPICAL CHARACTERISTICS

Nature	**Polyamide**
Appearance	**Off-white paste**
Solid Content (%)	**25**
Active Content (%)	**25**
Specific gravity	**0.86**
Solvent	**Xylene**
Total Bio content (%)	**22**

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.

MARKETS

Coatings & Inks
- Industrial Coating

KEY BENEFITS

FORMULATION
- Ready to use
- Easy handling
- Post addition

STORAGE
- Antisettling
- In-can appearence
- Syneresis resistance
- Viscosity stability

APPLICATION
- Edge-coverage
- Sag resistance
- Sprayability

FILM PROPERTIES
- Gloss
- Levelling
- Pigment orientation

SAFER SOLUTIONS
- APEO Free*
- Heavy Metal Free*

** Not intentionally added but not specifically measured (not part of product specification)*

- Total Bio content (%) **22**

THICKENING MECHANISM

Non Associative

VISCOSITY CONTRIBUTION

Low Shear contribution
Mid Shear contribution

CRAYVALLAC® PA5 XSR 25

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.

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