

TECHNICAL DATA SHEET

CRAYVALLAC® PA3 XAF 20

Pre-activated amide rheology modifier supplied in xylene

Polyamide



17% bio-based product

TYPICAL CHARACTERISTICS

Nature	Polyamide
Appearance	Off-white paste
Solid Content (%)	20
Active Content (%)	20
Specific gravity	0.86
Solvent	Xylene
Total Bio content (%)	17

DESCRIPTION

CRAYVALLAC® PA3 XAF 20 is an alcohol-free pre-activated amide wax supplied in xylene. It is a rheology modifier in paste form with high efficiency (optimum sag resistance and viscosity). CRAYVALLAC® PA3 XAF 20 is supplied in the form of crystalline fibres. In a coating system, these fibres form an interacting network. This network gives rise to the shear thinning rheology of the final coating. This shear thinning characteristic provides a very high viscosity under the low shear rates associated with sedimentation, and a low viscosity at the much higher application shear rates. The net result is excellent control of sedimentation combined with ease of application.

RECOMMENDED ADDITION LEVEL

0.5-5% under medium shear

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® PA3 XAF 20 can be incorporated into final systems using several methods, either directly into the millbase during or after the milling stage.

MARKETS

Composites & Advanced Materials

- Thermoplastics

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

- Anticorrosion
- Gloss
- Levelling



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*

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

- Total Bio content (%) **17**

THICKENING MECHANISM

Non Associative

VISCOSITY CONTRIBUTION

Low Shear contribution
Mid Shear contribution

CRAYVALLAC[®] PAB XAF 20

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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