



PATCHAM (FZC)

PAT-ADD AF 5210

PRODUCT DATA SHEET

PAT-ADD AF 5210 is a polymeric defoamer for use in varnishes and low pigmented coatings. The product shows an extremely wide range of compatibility, with solvent borne, waterborne as well as solvent-free systems.

PAT-ADD AF 5210 does not contain mineral oil nor polysiloxane compounds and is considered as being based on green chemistry.

PAT-ADD AF 5210 is extremely versatile in application and is efficient to combat macro as well as micro-foaming.

PHYSICAL CHARACTERISTICS:

Appearance	: Clear to slightly hazy yellow liquid
Viscosity @ 25°C, approx.	: 150 cPs.
Specific gravity @ 25°C, approx	: 0.960
Polarity	: Non- ionic
Active matter content	: 100%

PROPERTIES:

PAT-ADD AF 5210 is dispersible in aqueous systems and soluble in most solvent-based systems; it can be incorporated by applying mild dispersion forces.

Although, the product also inhibits foaming during paint manufacturing PAT-ADD AF 5210 is most suitable for use in varnishes and low pigmented systems to avoid foaming during application.

Main benefits are:

- Most efficient film defoaming and de-airing agent
- Green chemistry
- Free of solvents, oil or silicone, indicating lowest risk for unwanted side effects
- Very effective, so requires only low dosages
- Excellent shelf stability
- Universal usage for aqueous and solvent borne systems

DOSAGE AND ADDITION:

The optimal amount of PAT-ADD AF 5210 to be used is system related, but generally is between 0,2 and 1,5 % PAT-ADD AF 5210, calculated on the total weight of formulation.

Although the product is easily incorporable, effective mixing conditions are required for the optimal effect.

The optimum concentration to be used depends on the individual requirements and conditions.

For information on handling and safety please refer to the information from the Material Safety Data Sheet