



PATCHAM (FZC)

PAT-ADD DA 707

PRODUCT DATA SHEET

PAT-ADD DA 707 is an amphoteric dispersing agent for use in solvent borne paints, inks, plasticizers and colorants.

PAT-ADD DA 707 is multifunctional and compatible with a wide range of solvent borne paint systems. However, PAT-ADD DA 707 is particularly effective as dispersant for inorganic pigments in air-drying alkyd paints.

PHYSICAL CHARACTERISTICS:

Appearance	: Amber coloured liquid
Viscosity @ 25°C, approx	: 3000 cPs
Specific gravity @ 25°C, approx	: 0.965
Polarity	: Amphoteric
Composition	: Polyester compound
Solids content, approx.	: 72%

PROPERTIES:

PAT-ADD DA 707 is a polymeric dispersing agent showing strong adsorption properties onto a wide variety of pigment surfaces, contributing to best dispersion stability.

PAT-ADD DA 707 is strongly adsorbed onto inorganic pigments and extenders, contributing to enhanced sterical stabilisation against re-flocculation.

MAIN BENEFITS ARE:

- Optimises the milling process, enabling high pigment loading
- Provides excellent colour development
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling
- Excellent compatibility with alkyd resins, thus minimal risks of causing unwanted side effects
- Minimal effect on heat stability if used in plasticized PVC systems

DOSAGE AND ADDITION:

The optimal amount of PAT-ADD DA 707 to be used is system related, but generally is between 0.3 and 0.8% PAT-ADD DA 707, calculated on the total weight of paint formulation. The product is added to the mill-base prior to the dispersion process.

For use as dispersing agent in plasticizer pastes, a dosage between 0.7 and 3% on total weight of the paste, is typically required.

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