

Product Features

PAT-ADD DA 107A is polymeric dispersing agent for inorganic pigments in water. The product is designed for use in dispersion paints and similar applications.

PAT-ADD DA 107A enables high pigment loading in the mill-base, is non-foaming and contributes to best paint storage stability.

Main benefits are:

- Reduced pigment grinding time
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling
- Maintenance of efficiency even after storage - stable viscosity
- No foam formation
- Universal usage for dispersion paints

Physical Characteristics:

Appearance	: Yellow liquid
Viscosity @ 25°C	: <50 cP (approx..)
Specific gravity @ 25°C	: 1.090-1.130
Polarity	: Anionic
Composition	: Polyelectrolyte, ammonium salt
pH	: 6.5-8.5
Active matter content	: 21.0 ± 2.0%

"Physical parameters indicated here in product data sheet are typical properties and not specification limits or range."

Properties:

PAT-ADD DA 107A is strongly adsorbed onto inorganic pigments and extenders, thus creating a dense charged layer, which contributes to electrostatic stabilization of the dispersed pigment and extender particles. The tendency of pigment flocculation, during paint production, storage or application is reduced, whereas properties like viscosity stability on storage, color development, opacity, scrub-resistance are being optimized, using PAT-ADD DA 107A.

PAT-ADD DA 107A typically reduces the viscosity of the mill-base, enabling highest pigment loadings and best economics

PAT-ADD DA 107A

Product Data Sheet

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Dosage & Addition

The optimal amount of PAT-ADD DA 107A to be used is system related, but generally is between 0.4 and 2.0% PAT-ADD DA 107A, calculated on the total weight of the mill-base, respectively approx. 0.3-0.7% on total paint formulation.

The product is best added to the mill-base before the pigments, extender.

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

End Use Application

Masonry Primers, Interior and Exterior Emulsion Paints - Gloss, Semi -gloss, Sheen and Matt Finishes, low VOC emulsion paints, Pigment and Extender slurries etc.

Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in un opened original containers as shipped by Patcham when stored in frost free warehouse.

Storage, transportation, Safety and Handling

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet (SDS).

Packing size

Drum: - 220 kgs, IBCs: - 1100 kgs.

Disclaimer:

While every effort is made to provide accurate and complete test results for The PATCHAM ADDITIVES, various data may vary depending upon different raw materials, test procedures and test conditions. The accuracy, reliability, or totality of the results are not guaranteed or warranted in any way. PATCHAM FZC and its representatives disclaim liability of any kind whatsoever, including liability for quality, performance and fitness for a particular purpose arising out of the use, or inability to use the test results.