

PAT-ADD AF 90M

Product Data Sheet

Rev 00

April 2023



Product Features

PAT-ADD AF 90M is a solvent-free concentrated deaerator, designed for use in pigmented solvent-free systems, including radiation cured systems, high-build-coatings, floorings as well as concentrated, high-viscosity solvent-containing systems.

PAT-ADD AF 90M demonstrates highest efficiency in fast foam destabilization and deaeration.

Main benefits are:

- Preferred deaerator in high-viscosity systems
- Fast foam destabilization action
- Used in rad-cured applications, EP and 2-K systems

Physical Characteristics:

Appearance	:	Turbid liquid
Viscosity @ 25°C/77°F	:	<5000 cP
Specific gravity @ 25°C/77°F	:	0.960-1.000
Composition	:	Organo-modified polysiloxane
Active content	:	100%

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

Properties:

PAT-ADD AF 90M is designed for combatting entrapped air in high viscosity, solvent-free or low solvent systems. Immediate application in clear systems is not recommended, as degree of transparency may be affected.

The product is applicable in a wide range of resin systems, including main EP, 2K-PU and rad-cured systems.

Dosage& Addition

The optimal amount of PAT-ADD AF 90M to be used is system related, but generally is between 0.1 and 0.8 % PAT-ADD AF 90M, calculated on the total weight of formulation. Appropriate incorporation conditions are to be provided, such as typically applied during pigment grinding. It is recommended to homogenize Pat-Add AF 90M by gently mixing prior to use.

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Suitability and optimum concentration to be used depends on the individual requirements and conditions and is best checked experimentally.

Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in unopened original containers as shipped by Patcham, stored at ambient temperature conditions+. Dilution is not recommended as this may shorten shelf life and stability.

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: - 200.0 kgs, Pail: - 25.0 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.