



# Flexisperse™ PM-25

## Overview

- Anti-Soiling Polymer Additive for Carpet, Rug, and Upholstery Cleaners and Protectors
- Can be Formulated with Oil and Water Repellents to Improve Dry Soil Resistance and Increase Ambient Cure Durability
- Formulates Readily with Cleaning Products to Enhance Soil Resistance of the Cleaned Article
- Readily Dilutes in Water to Form Stable Emulsions with Anionic and Nonionic Materials such as Surfactants, Polymers and Detergent Builders.

## Applications

- Carpet, Rug and Upholstery Cleaners
- Carpet, Rug and Upholstery Protectors

## Technical Information

Flexisperse PM-25 is specialty anionic emulsion polymer developed to impart anti-soiling properties to cleaning formulations and protectors for soft surfaces, especially carpets, rugs, and upholstery. The active component is very hard, non-hygroscopic, and non-film forming. When formulated into cleaning products, Flexisperse PM-25 reduces the re-soiling caused by residual surfactants. When formulated with repellent and soil release protectors, Flexisperse PM-25 increases the durability and soil resist properties of ambient cure products.

## FORMULARY

Flexisperse PM -25 can be added to many cleaning formulations at 0.5% to 10.0% depending on the level of soiling protection desired. This will depend heavily on how much of the formula is composed of agents that typically attract soil. In cleaning formulations, this will vary based on the application. For spot cleaners where the product is applied without dilution, low levels are sufficient to enhance the soiling performance of the finished product. For products that require dilution, levels may be much higher to allow the activity of Flexisperse PM-25 to remain high enough to be effective. Typically, the amount of Flexisperse PM-25 will be determined on a case by case basis depending on the other components. Formulations utilizing Flexisperse PM-25 will be emulsions and care should be taken to evaluate the finished formula for freeze thaw and heat stability.

## Typical Properties

Appearance	Translucent, White Emulsion
Density @ 25°C	1.03 +/- 0.02 g/ml (8.6 lbs/gal)
pH	9.0 +/- 0.5
Boiling Point	100°C
Odor	Mild

## Packaging and Handling

Flexisperse PM-25 is available in 275 gallon totes (Net Wt. 2250 lbs), 55 gallon drums (Net Wt. 450 lbs) and 5 gallon pails (Net Wt. 40 lbs).

DOT Classification is Non Regulated.

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