



# Flexisperse™ HQ-30

Cationic dispersant polymer

## Overview

- 30% active aqueous cationic dispersant and surface modification polymer
- Useful for stabilizing cationic emulsions and dispersions

## Applications

- Oil & Gas production systems
- Wastewater treatment
- Cationic/nonionic emulsion and dispersion stabilizer
- Mold resistant cationic/nonionic hard surface cleaners and protectors
- Dispersant for cationic/nonionic car wash formulations
- Printing aid to enhance definition
- Cationic fixation additive for inkjet paper coatings

## Technical Information

Flexisperse HQ-30 is a 30% active water soluble cationic dispersant polymer

Cationic polymers have a multitude of uses and applications. In Oil and Gas production systems, cationic polymers are used as sulfide scale dispersants, demulsifiers for bitumen emulsions, clay stabilizing agents, and when combined with select anionic surfactants, foamed gel systems for fracturing.

In Water Treatment applications, cationic polymers are used in sludge dewatering, and coagulation settling and flotation processes.

In Papermaking applications, cationic polymers are used as strength additives, flocculants, retention aids, and for control of stickies. In Paper Finishing applications, Flexisperse HQ-30 features high conductivity and cationicity for fixation of inkjet inks, functioning as a cationic antistatic agent and polymeric wetting agent for water-based lacquers, paper and film coatings.

## Formulary

Flexisperse HQ-30 is compatible with cationic and nonionic systems, and useful as a dispersant and stabilizer in cationic systems.

## Typical Properties

PROPERTY	VALUE
Appearance	Light amber liquid
Odor	Mild
Ionic character	Cationic
Water solubility	Soluble
Active content, %	28-32
pH	7.0±1.0
Density@25°C	1.06±0.02 g/ml
Viscosity @25°C	1000-4000cps
Boiling Point	Approx. 100°C
Flash point	Does not ignite below 100°C
Storage	Stable to freezing.
Shelf life	12 months

## Packaging and Handling

Flexisperse HQ-30 is available in:  
275 gallon totes (Net Wt. 2250 lbs)  
55 gallon plastic drums (Net Wt. 450 lbs)  
5 gallon pails (Net Wt. 40 lbs)

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product

DOT Classification: Non-Regulated

Whether you're looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition; please feel free to contact us.

*Please refer to back page for important information*

## Flexisperse HQ-30

Functionalized cationic polymer

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