



innovative chemical technologies, inc.

Flexisperse CQ-1000 IPA

TECHNICAL DATA SHEET

- ◆ **Aqueous Cationic Dispersant Polymer**
- ◆ **Water Soluble**
- ◆ **Displays Enhanced Surface Activity**
- ◆ **Low Viscosity And Easy To Handle**
- ◆ **Improves Dispersion/Emulsion Stability**
- ◆ **Reduces Particle Size**
- ◆ **Reduces Surfactant Requirement**
- ◆ **Dries To A Hard Brittle Film**

Applications

- ◆ **Cationic Wax Emulsion Stabilizer**
- ◆ **Pressure Treating Lumber With Ammoniated Copper Salts**
- ◆ **Paper/ Paper Board Manufacturing: Surface Size, Retention Aid**
- ◆ **Emulsion Polymerization Stabilizer**
- ◆ **Anti-Soiling Agent For Hard And Soft Surface Cleaners**

TECHNICAL INFORMATION

Flexisperse CQ-1000 IPA is a solution of a fully quaternized copolymer of styrene and an amino functional imide in a water/isopropanol solvent mixture. It is fully water soluble although it has significant hydrophobic modification and as such is surface active. It is compatible with cationic and nonionic systems. It is useful as a dispersant and stabilizer in cationic systems, such as wax emulsions, emulsion polymerizations, and pressure treatment of lumber . It is also useful in paper manufacturing as a surface size, retention aid and in dewatering the pulp. The dried residue is very hard and brittle and can be useful as an anti-soiling additive to cationic/nonionic hard and soft surface cleaners and protectors.

TYPICAL PROPERTIES

Appearance	Clear to Hazy, Amber Liquid
Density @ 25C	1.05 +/- 0.02 g/ml (8.8 lbs/gal)
pH	7.0 +/- 1.0
Water Solubility	Soluble
Boiling Point	Approximately 80 C
Odor	IPA

PACKAGING/HANDLING

Flexisperse CQ-1000 IPA 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 Flammable Liquid NOS (contains Isopropyl Alcohol), 3, UN 1993, PG II