

Capstone™ FS-50

Fluorosurfactant

Technical Information

Description

Capstone™ FS-50 is an amphoteric fluorosurfactant that significantly reduces the surface tension of aqueous solutions. FS-50 enables the formation of a thin low surface tension aqueous film, which is useful for creating surface defectfree films over low surface tension or contaminated substrates because of the improved wetting, spreading, and leveling properties.

Applications

FS-50 is recommended as a surface tension reducing and foaming agent for use in:

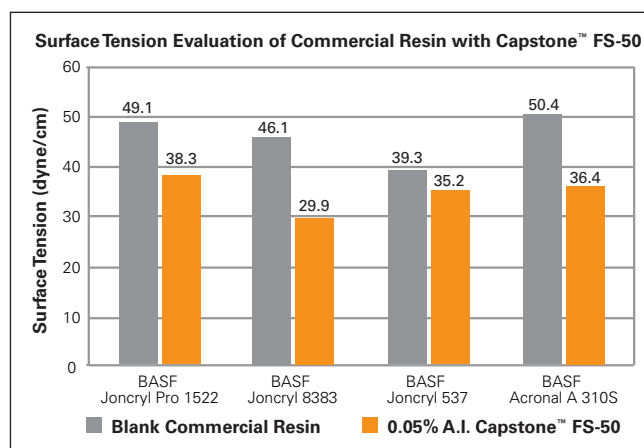
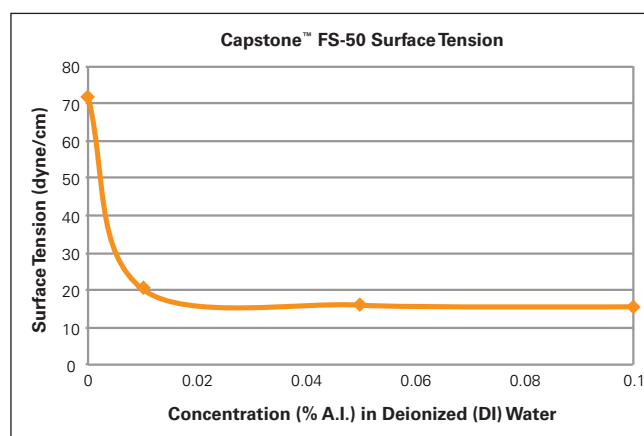
- Industrial and institutional cleaning
- Floor care applications
- Latex paints and alkyd emulsions

Typical Properties

Appearance	Clear, amber-colored liquid
Chemical Structure	Betaine partially fluorinated surfactant
Composition	27% solids in water/ethanol
Specific Gravity	1.0
pH	5.0-7.0
Flash Point (closed cup)	25 °C (77 °F)
Solubility at 25 °C (77 °F)	Soluble in water, ethanol and ethylene glycol
Shelf Life	5 years

Performance

Surface Tension



Ross-Miles Foam Volume (mL) at 25 °C (77 °F) at 0.05% Active Ingredient (A.I.)

	mL of Foam After		
	30 sec	3 min	5 min
Deionized Water	540	510	485
Tap Water	330	310	310
10% NaCl in Distilled Water	185	180	180

Personal Safety, First Aid, Storage, and Handling

Please refer to the Safety Data Sheet (SDS) for product-specific information. Mix well before using. Allow the product to come to room temperature before use after cold storage.

Capstone™ Repellents and Surfactants

- Deliver maximum performance
- Regulatory and stewardship information is available upon request
- Are listed on TSCA inventory

Package Sizes

Drum-440 lb (200 kg), Pail-40 lb (18.16 kg),
Can-8 lb (3.632 kg)

For questions regarding technical data, commercial supply, and sampling:

Chemours Advanced Performance Materials

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