



Flexicare™ PQ-1130

Cationic conditioning polymer

Overview

- Aqueous cationic polymer
- Conditioner, emulsifier, softening agent
- High molecular weight
- High charge density
- Non-greasy
- INCI Name: Polymethacrylamidopropyltrimonium chloride

• Applications

- Hair conditioners
- Hair care products
- Personal care lotions and creams

Technical Information

Flexicare PQ-1130 is a 32% solids, water-soluble cationic dispersant polymer used in personal care applications. It is a unique high molecular weight, high charge density polymer that provides conditioning and flexible hold for hair care products. Flexicare PQ-1130 is a non-greasy product which builds volume and sheen. It is also effective as a cationic emulsifier and softening agent in personal care lotions and creams.

Formulary

Flexicare PQ-1130 is compatible with cationic and nonionic systems, and useful as a dispersant and stabilizer in cationic systems.

Typical Properties

PROPERTY	VALUE
Appearance	Clear to slightly hazy, pale amber liquid
Odor	Mild
Ionic character	Cationic
Water solubility	Soluble
Solids, %	32-34
pH	6.5 ± 1.0
Density@25°C	1.06 ± 0.02 g/ml
Viscosity @25°C	1000 - 3000 cps
Boiling Point	Approx. 100°C
Flash point	Does not ignite below 100°C
Storage	Freeze/Thaw Stable
Shelf life	12 months

Packaging and Handling

Flexicare PQ-1130 is available in:
275 gallon totes (Net Wt. 2200 lbs)
55 gallon plastic drums (Net Wt. 440 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

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