

CATIONIC CONDITIONERS



Product Bulletin

POLYQUTA 220

INCI Name

POLYQUATERNIUM-47

Description

POLYQUTA 220 is a quaternized terpolymer made from acrylic acid, methyl acrylate and methyl acrylamide, compatible with anionic surfactant. It imparts outstanding detangling and dry & wet combability when used in hair care products.

Specification

Parameter	Value
Appearance	Colorless to yellowish transparent, viscous liquid
pH value (25 ° C, as is)	2.9-4.1
Viscosity (25°C, mPa·s)	16000-38000
Solid content(%)	20.0-22.0
Methyl acrylate (mg/kg)	≤10

These values indicate typical specifications, they are not intended to be used as product specifications.

Properties

- Affinitive to keratin of hair and skin, no accumulation.
- Impart hair and skin lubricous and moist feeling.
- Improve dry & wet combability, manageability of hair.
- Outstanding detangling.
- Compatible with all kinds of surfactant .

Applications

- 2 in 1 shampoo

- Hair conditioner
- Styling gel and hair tonic
- Body wash
- Hand soap

Formula Guidelines

Typically used at a level of 0.5~5.0%.

Storage & Handling

Standard Packing: 60kg/drum

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.

Shelf life: 12months

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