

## POLYQUTA 550

### INCI Name

POLYQUATERNIUM-7

### Description

POLYQUTA 550 is a quaternized multipolymer, with good water-solubility and compatibility with anionic, cationic, nonionic & amphoteric surfactants. As a widely used hair conditioner, it can improve dry & wet combability, emollience and gloss of hair.

### Specification

| Parameter                 | Value                                 |
|---------------------------|---------------------------------------|
| Appearance                | Colorless transparent, viscous liquid |
| pH value (25 °C, 1%soln.) | 5.5~7.5                               |
| Viscosity (25°C, mPa·s)   | 8,000~16,000                          |
| Solid content(%)          | 9.0~10.5                              |
| Acrylamide(mg/kg)         | <10                                   |

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

### Properties

- Affinitive to keratin of hair and skin
- Impart hair lubricous and moist feeling
- Excellent curling retention
- Improve dry & wet combability, emollience and gloss of hair

### Applications

2 in 1 shampoo

Hair conditioner

Body wash

### Formula Guidelines

Typically used at a level of 1.0~6.0%.

### Storage & Handling

**Standard Packing:**60kg/drum or 200kg/drum

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

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