

# ACRIPOL® PQ 4006

## Conditioner agent for Cosmetics

**DESCRIPTION** **ACRIPOL® PQ 4006** is a cationic conditioner agent based on acrylic homo-polymer. Polyquaternium 6

### Product benefits

- Enhance brilliance, smooth and body
- Excellent combing in dry and wet state.
- Excellent long-term performance.
- Film-former with no residual tacking

### CHARACTERISTICS

<b>Appearance</b>	Transparent liquid to slight yellow
<b>Density</b>	1 – 1,2 g/ml
<b>Viscosity</b>	5.000 – 12.000 cps
<b>pH</b>	5 – 7
<b>Active ingredient</b>	39 - 42 %
<b>Solubility</b>	Totally soluble in water.

### APPLICATIONS AND USE LEVELS

**ACRIPOL® PQ 4006** is a conditioner agent that shows high activity with cosmetics products, compatible with no ionic and amphoteric surfactants.

Suitable for hair care formulations as shampoos, conditioners and hair-style mousses as well as all kind of toiletries like bath gel, lotions or shave products. **ACRIPOL PQ 4006** generate an electrostatic combination with keratin (Charged negative)

**ACRIPOL® PQ 4006** is completely stable in wide range of pH values. It is stable to temperature and salinity conditions and in presence of alcohols.

As general guidance, the dosage required of **ACRIPOL® PQ 4006** may vary according to the desired opalescence of the product, but typical dosages are in the following range: 2 to 5 %.

### USE GUIDELINES

**ACRIPOL® PQ 4006** can be used concentrated or previously diluted with water at 10 to 30 %. As general indication, we recommend use the additive at mid stages of the production process with high stirring, ensuring the correct distribution of the additive.

**SHELF LIFE** Best use before 12 months from production date.

**STORAGE** Store in a cool dry place between 0 °C and 40 °C protected from frost, heat and direct sunlight, in the original container well sealed.

**PACKAGING** HDEP drum 25 kg net.  
HDEP drum 200 kg net.  
Standard HDEP IBC 1000 kg net

For further information, refer to the separate Material Safety Data Sheet available under request.

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