

ACRIPOL[®] PQ 4039

Conditioner agent for Cosmetics

DESCRIPTION ACRIPOL[®] PQ 4039 is an amphoteric conditioner acrylic agent. Polyquaternium 39

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

Appearance	Transparent liquid to slight yellow
Density	1 – 1,1 g/ml
Viscosity	7.000 – 17.000 cps
pH	3 – 4,5
Active ingredient	39 - 41 %
Solubility	Totally soluble in water.

APPLICATIONS AND USE LEVELS

ACRIPOL[®] PQ 4039 is a conditioner agent that shows high activity with cosmetics products, compatible with all kind of surfactants including no ionic and amphoteric surfactants. Suitable for hair care formulations as shampoos, conditioners and hairstyle mousses as well as all kind of toiletries like bath gel, lotions or shave products. ACRIPOL PQ 4039 generate an electrostatic combination with keratin (Charged negative)

ACRIPOL[®] PQ 4039 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 4039 may vary according to the desired opalescence of the product, but typical dosages are in the following range: 1 to 4 %. Skin care 1,5-3% , Hair care 3-5%.

USE GUIDELINES

ACRIPOL[®] PQ 4039 can be used concentrated or previously diluted with water at 10-25 %. 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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