

Technical Information

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derypol

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Hysuau AQ1300

Product for detergency

DESCRIPTION

Cationic acrylamide-based thickening agent for acidic aqueous compositions, and in particular domestic detergents and laundry softeners.

CHARACTERISTICS

Type of product	: Emulsified cationic copolymer in oil
Appearance	: White emulsion
Ionic character	: Cationic
Density	: $1,05 \pm 0,05 \text{ g/cm}^3$
Residual acrylamide	: < 500 ppm
pH at 1%	: 3 – 5
Viscosity	: 200 – 2000 cP
Viscosity at 1%	: 5000 – 11000 cP
Shelf life	: We recommend not keeping the product more than 12 months

Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be part of the contract that must be respected for each batch supplied.

APPLICATION

- The product is a white creamy water-in-oil emulsion typically used at a concentration range between 0.1% and 5.0% in fabric softener compositions.
- Before to any pumping or homogenization processes it is advised to clean all equipment used.
- It is an easily manageable liquid dispersion, although it is recommended to dilute the product previously to a concentration around 2%.
- Consult our technical staff in case of any doubt.

BENEFITS

A fabric softener is a liquid composition added to washing machines during the rinse cycle to make clothes feel softer to the touch.

Softener benefits:

- Improve iron glide.
- Reduce wrinkle formation during washing.
- Improve wrinkle removal after washing.
- Enhance stain protection.
- Bring a fresh fragrance.
- Color protection and fabric shape retention.

Compatibility:

- The dispersion and performance is better compared to other cationic thickeners (Modified Celluloses & Modified starch).
- It can thicken low-active fabric softeners to give a richer appearance. It is effective in both amidoamine and esterquat formulations.
- It improves dispersability in cold water, prevents any kind of gelling problems and shows a good compatibility with all cationic surfactants.

STORAGE AND DISTRIBUTION

- Take all the habitual precautions when handling any chemical product. Avoid contact with eyes, skin or clothes.
- The product should be kept in a covered place, the container tightly closed, protected from sunlight and within the temperature range recommended in Section 7 of the Safety Data Sheet.
- Once the container is open, avoid contamination with any other water based product and/or with strong bases. Check the Material Safety Data Sheet.
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

REGULATORY

Consult our technical staff in case of any doubt.