

Technical Information

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derypol

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Hysuau CC1000

Product for detergency

DESCRIPTION

Thickening agent for detergency formulations.

CHARACTERISTICS

Type of product	: Acrylic monomers polymer in aqueous emulsion
Appearance	: White milky liquid
Ionic character	: Anionic
Odor	: Acrylic resin
Density	: 1.1 g/cm ³
pH	: 2.1 – 4
Viscosity	: < 100 cP
Viscosity (1% ma)	: 4000 - 7000 cP
Percent Solids	: 29 – 31 %
Shelf life	: We recommend not keeping the product for more than 6-9 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

- It can be dosed directly without previous dilution, or diluted in water for any proportion.
- It is recommended applying the product in an acid media, always before adjusting the pH, in the beginning of the formulation.
- The containers must always be tightly closed. Otherwise water from the product may evaporate and cause the formation of skins and lumps. This phenomenon doesn't affect the rest of the product.

Consult our technical staff in case of any doubt.

BENEFITS

- Thickening agent for any kind of suspension or dispersion where a viscosity increase at neutral or basic pH is required.
- Anionic thickening agent for aqueous solution in a wide range of pH (5-12). It tolerates very well the presence of different salts in the composition (sodium chloride, magnesium chloride, etc.). It is pH - dependant.
- It is compatible with all kind of aqueous emulsion resins.
- Low viscosity product, easy to handle and dose.
- It is capable to keep pigments suspended.
- After 24 hours a stable viscosity is reached.
- The product does not undergo sedimentation over time.
- Product easy to handle, and easy to dissolve. It is necessary adjusting pH by adding some basic reagent to make its dissolution complete.

STORAGE AND DISTRIBUTION

- 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. Check the Material Safety Data Sheet.
- Take the habitual precautions when handling a chemical product. Avoid the product to contact with the eyes, skin or clothes.
- 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.