

# Technical Information

Current version 0  
09/01/2024

# derypol

C/ Plató 6, Entlo. 5º- 08021 Barcelona (Spain)  
Tel. (93) 238 90 90, Fax (93) 238 90 91  
www.derypol.com

## HYGEL HZ339C

Product for cosmetic applications

### DESCRIPTION

**Polymeric HASE (hydrophobically modified alkali swellable emulsions) thickener for cosmetic use.**

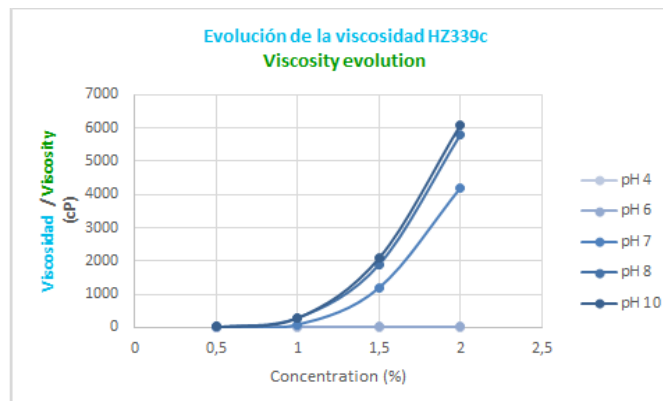
INCI Name\*: Acrylates/Steareth-20 Methacrylate Copolymer

\*The composition breakdown is available in the General Statement

### CHARACTERISTICS

Type of product	: Polymer of acrylic monomers in aqueous dispersion.
Appearance	: White milky liquid
Density	: 1.01 – 1.05 g/cm <sup>3</sup>
pH	: 3 – 5 (100%)
Viscosity	: ≤ 50 cP
Percent Solids	: 29 – 31 %
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. Derypol guarantees the quality of the product, in the terms agreed with the client as "product specifications", during the time established as the warranty period (shelf-life), as long as it is kept in good conditions, according to the recommendations indicated in section 7 of our MSDS. For any formulation of the product, it will be the client responsibility to carry out the necessary studies to guarantee that the stability and characteristics are as desired. Derypol assumes no responsibility regarding the stability and characteristics of such formulations.*



## APPLICATION

- It can be dosed directly without previous dilution, or diluted in water (we recommend dilution 1:3).
- Soluble in water at pH>7.
- It is recommended applying the product in an acid media, always before adjusting the pH, in the beginning of the formulation.
- This product provides a pseudoplastic reology and its formulations show a low variation in terms of viscosity with temperature changes.
- Derypol guarantees the quality of the product, in the terms agreed with the client as "product specifications", during the time established as the warranty period (shelf-life), as long as it is kept in good conditions, according to the recommendations indicated in section 7 of our MSDS. For any formulation of the product, it will be the client responsibility to carry out the necessary studies to guarantee that the stability and characteristics are as desired. Derypol assumes no responsibility regarding the stability and characteristics of such formulations.
- Consult our technical staff in case of any doubt.

## BENEFITS

- Anionic thickening agent for aqueous solutions, for the pH range from slightly above neutral to highly alkaline.
- Very easy to handle and dissolve.
- It shows association with other surfactants and a synergic effect to build viscosity.
- It provides high performance in transparency and viscosity of the final product.

## 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.