

GelMaker Powder

Specification Sheet

Description: Self-wetting rheology modifier designed to provide moderate-to-high viscosity as well as stabilizing and suspending properties to personal care applications. The polymer is designed for surfactant-cleansing and electrolyte-containing formulations, just like carbopol ultrez 20. Viscosity: 54,000 cps (1% in water).

CAS: 176429-87-1

INCI Name: Acrylates C10-30 Alkyl Acrylate Crosspolymer

Composition: Acrylates C10-30 Alkyl Acrylate Crosspolymer

Appearance: Fine white powder

Benefits:

- Rapid self-wetting polymer (3-5 minutes)
- Requires only minimal agitation.
- Stabilizes emulsion-based and non-emulsion formulas including surfactant systems.
- Provides good viscosity and clarity for gels.

Use: Use level is dependent upon desired viscosity and the nature and quantity of other formulation ingredients. However, typical use level is 0.2-3%. Sprinkle onto the surface of deionized water and stir thoroughly with a stick blender or other high-speed stirring device. Add then surfactants, conditioners, silicones, and other ingredients. Adjust then pH to at least 4.5-5. Without pH neutralization it may be slightly cloudy. Do not heat GelMaker Powder to more than 40oC (104F). For external use only.

Applications: Gels, shampoos, lotions, creams, scrubs.

Solubility: Water-insoluble, dispersible in water & oil

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: China

Raw material source: Acrylic acid



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Manufacture: Acrylates C10-30 alkyl acrylate crosspolymer is made by polymerization of sodiumacrylate and sodium acryloyldimethyl monomers.

Animal Testing: Not animal tested.

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal derived components.

HS Code: 3906906000