

## 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 40°C (104°F). For external use only.

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

**Solubility:** Water-soluble

**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