



Paragum 630

Alkali Swellable Thickener

Technical Data Sheet

Paragum 630 HASE thickener is a hydrophobically modified alkali soluble acrylic copolymer dispersion from which high efficiency thickeners can be readily prepared through neutralization with an appropriate alkali such as ammonia or caustic. **Paragum 630** is used as an "in-situ" thickener by adding directly to the material to be thickened. Alkaline materials will rapidly thicken as the dispersion swells.

Paragum 630 thickener performs effectively in a broad range of lattices: coatings, adhesives, dispersions, and solutions. Ease of handling and processing, safety, thickening efficiency, and consistency combine with its unique short buttery viscoelastic flow characteristics to give the formulator great latitude and flexibility in product design. When used in combination with other **Paragum** thickeners, an even wider range of rheological properties can be obtained.

Paragum 630 thickener solution preparation: Dilute with water, then neutralize to a pH of 7.0 to 9.0 with dilute alkali. Initial dilution avoids formation of gels which can be difficult to dissolve. Solutions up to about 5 % solids can be readily prepared. More concentrated solutions may require special mixing equipment or techniques.

INCI Designation: Acrylates Copolymer

Paragum 630 application areas: Mastic formulas, adhesives, grout, paint and textile applications, ink and print bases, industrial cleaners, specialty dispersions and suspensions, and wall coverings.

The performance advantages of **PG-630** are equally well matched by its environmental advantages which include:

- No APE's (Alkyl Phenol Ethoxylates).
- No heavy metals
- No solvents, virtually VOC free

SPECIFICATIONS

Appearance:	Milky white, thin solution
Solids (Microwave):	29.0 – 31.0%
pH:	2.0 – 4.0
Solution Viscosity:	< 200 cps

Paragum 630 is available in drum, tote bin, and tank truck quantities.

Paragum 630 has NSF approval **EX** for use as an ingredient in Hand Care Products for food plants.

For samples, additional information, or pricing, please call **706-277-9800**.

Tiarco-RST
1010 Vista Drive
Dalton, GA 30721