Paragum 530

Alkali Swellable Thickener

Tech Data Sheet

Paragum 530 HASE thickener is a hydrophobically modified cross linked polymer dispersion from which high efficiency thickeners can be readily prepared through neutralization with an appropriate alkali such as ammonia or caustic. **Paragum 530** 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 530 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 530 thickener solution preparation: Dilute with water, then neutralize to a pH of 8.0 to 9.0 with dilute alkali. Initial dilution will prevent the 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.

Paragum 530 application areas: Carpet, rug and upholstery. Textile applications and apparel, ink and print bases, industrial cleaners, specialty dispersions and suspensions, and wall coverings.

When properly formulated in CTA applications, **Paragum 530** exhibits performance in ANSI type 1 and type 2 testing.

Paragum 530 is manufactured at our Dalton, GA facility using Tiarco-RST Quality Assurance process, with continual improvement as its goal.

SPECIFICATIONS

Appearance:	Milky white, thin solution
Solids (Microwave):	34.0 – 36.0%
pH:	2.0 – 4.0
Solution Viscosity:	< 250 cps

Paragum 530 is available in drum, tote, and tank truck quantities.

For samples, additional information, or pricing, please call **1-877-284-2726.**

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