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Kogum HS

Kogum HS is a modified starch-based textile printing thickener designed to provide reliable viscosity and print definition in textile dye printing applications. Engineered to be fully cold water soluble, Kogum HS forms smooth, stable printing pastes and provides a cost-effective thickening solution for a variety of dye systems.

Derived from renewable starch chemistry, Kogum HS supports consistent printing performance while aligning with AquaSol's commitment to sustainable, bio-based polymer technology.



Performance and Economy

Kogum HS is designed to provide stable viscosity and consistent print performance in textile printing systems. The product hydrates easily in cold water to form smooth pastes with strong electrolyte stability, helping maintain reliable thickening performance during printing operations.

Because Kogum HS is based on modified starch chemistry, it provides a highly economical alternative to many synthetic printing gums while maintaining the viscosity stability required for textile dye printing processes.

Note: Product information provided is intended as a general guideline. Each operator should perform its own testing and evaluation to determine the appropriate formulation and conditions for specific printing systems and dye types.

Applications:

Kogum HS is designed for textile printing systems requiring stable viscosity and consistent paste performance across a variety of dye types.

- Textile dye printing thickener – Provides stable viscosity and smooth printing paste formation
- Vat and azoic dye printing – Supports reliable thickening and print definition in alkaline dye systems
- Disperse dye printing systems – Maintains viscosity stability in disperse dye formulations



Environmental

Kogum HS is based on renewable starch-derived polymers, supporting more sustainable textile manufacturing processes.

These materials are bio-based and biodegradable, helping minimize environmental impact while maintaining reliable production performance.

Characteristics

- Appearance Off-White Powder
- pH 11-12
- Viscosity (5% solution) 11,000-14,000cp

Application

- Textile dye printing thickener
- Vat and azoic dye printing
- Disperse dye printing systems

Environmental

- Fully biodegradable

Packaging and Product Form

- 50 lb sacks