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AquaBloc Series

AquaBloc Series is AquaSol's line of naturally derived additives designed to deliver effective oil and grease resistance (OGR) in paper and packaging applications. Formulated from biodegradable, bio-based polymers, AquaBloc provides barrier performance while maintaining repulpability and recyclability, supporting sustainable manufacturing processes.

Engineered and manufactured in the USA, AquaBloc Series offers a reliable alternative to traditional fluorochemical and synthetic barrier treatments, enabling manufacturers to meet performance and environmental goals without compromise.

Performance and Economy

AquaBloc Series provides effective oil and grease resistance while preserving the recyclability and repulpability of treated materials. Its naturally based chemistry allows for strong barrier performance without negatively impacting downstream processing, helping reduce complications in recycling and repulping operations.

Compared to traditional OGR technologies, AquaBloc eliminates the need for fluorochemicals and other persistent chemistries, supporting improved environmental compliance and reducing long-term regulatory risk. Its performance enables manufacturers to achieve required barrier properties while maintaining operational efficiency.

AquaBloc Series offers a cost-effective solution by balancing performance and sustainability, helping reduce total system costs associated with waste handling, regulatory compliance, and material recovery.

Applications:

- Paper and packaging requiring oil and grease resistance
- Food service packaging and barriers paper
- Specialty paper products requiring sustainable ORG solutions



Environmental

AquaBloc Series is derived from renewable, bio-based materials and is biodegradable. It is designed to support repulpable and recyclable paper systems while reducing environmental impact compared to traditional barrier chemistries. Products should be used and disposed of in accordance with local regulations.

Characteristics

- Appearance Off White Powder
- Ionic Character Anionic
- Moisture <12%
- pH 8-10

Applications

- Paper and Packaging
- Specialty Paper
- Barrier Paper

Environmental

- Fully biodegradable

Packaging and Product Form

- 50 lb paper sacks
- Private Label