

ALSAN SODIUM BENTONITE

Bentonite for the Paper Industry

Specialty bentonite for retention, pitch control and process-efficiency applications in papermaking.

Reliable mineral solutions for demanding applications

ALSAN Paper Industry Bentonite combines a fine mineral structure with controlled surface properties. Correctly prepared dispersions support stable wet-end operation, retention programmes, pitch and stickies control, de-inking and process-water clarification.

Key benefits	Typical applications
- Retention and drainage support - Pitch and stickies control - Stable dispersion - Improved process cleanliness - Consistent fine particle size	- Paper and board production - Microparticle retention systems - De-inking processes - Process-water clarification - Wastewater treatment

Typical technical characteristics

Parameter	Typical target	Test / note
Montmorillonite	Minimum 90%	Mineralogical control
Moisture	Maximum 12%	Oven method
Particle size	Fine grade	Laser / sieve analysis
Swelling volume	Grade-dependent	Swelling test
pH	Grade-dependent	Suspension test

Application guidance

Prepare a uniform dispersion in clean water using adequate mixing energy. Allow full hydration before dosing when required by the selected grade. Optimise dosage with mill trials and monitor retention, drainage, deposit control and finished-paper quality.

Quality assurance

Raw-material selection, moisture, particle size and application-relevant performance values are controlled by batch. The agreed product specification and the certificate of analysis (CoA) for the delivered batch govern conformity assessment.

Packaging and storage

Standard supply is available in moisture-protected bags or big bags. Store in a clean, dry and covered area protected from water and contamination. Grade, packaging and delivery conditions can be adapted to customer requirements.

Technical note

Values shown in this catalogue are typical product targets and are not a binding delivery specification. Please contact ALSAN for grade selection, samples, current specifications and application support.

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info@alsanbentonit.com | +49 163 3351772

Pendik, Istanbul, Turkiye