

BENTONITE - REGULAR

VISCOSIFIER

BENTONITE – REGULAR (ABI PREMIUM GEL, HYDROGEL) is a 200-mesh bentonite that meets API Specification 13A, Section 9. Bentonite - Regular provides viscosity, gelling and filtration control properties to most fresh water-based drilling fluids where a high quality bentonite is required. Bentonite - Regular is also used in hydraulic-barrier applications (pond-sealing, slurry trenching, caissons, etc.).

FEATURES AND BENEFITS:

- Meets or exceeds API specifications for bentonite (13A, section 9)
- Provides viscosity to improve hole-cleaning capacity of drilling fluids
- Provides suspension for weighting material
- Provides filtration control and forms a thin filter cake with no permeability
- Mixes quickly and easily

Bentonite - Regular requires a pH of 8.5-9.5 for optimal performance. Pre-treat make-up water with SODA ASH as required. Bentonite - Regular will not hydrate in saline water (> 6,000 mg/L); pre-hydrate in fresh water if required.

RECOMMENDED TREATMENT: 20-100 kg/m³

PHYSICAL PROPERTIES:

Appearance:	Tan-grey powder
Specific Gravity:	2.45-2.55
Solubility:	Insoluble (forms colloidal suspension)
pH:	8.0-10.0 (5% solution)
Bulk Density:	800 kg/m ³ (uncompacted), 1169 kg/m ³ (compacted)

MIXING/HANDLING:

Mix slowly through a mixing hopper (5 minutes/bag). Refer to the SDS for specific precautions and handling requirements.

MICROTOX® THRESHOLD: TBD

PACKAGING: 40 kg bag / 40 bags/pallet