

ENVIRO-SEAL® 30

ENVIRONMENTAL BENTONITE

ENVIRO-SEAL® 30 is a natural granular sodium bentonite (clay) engineered as BPM's most finely sized granular offering. This finer sizing increases surface area resulting in exceptionally low permeability and increasing swelling capacity. ENVIRO-SEAL 30 offers the ease of use of a granule, but performance of a powder. Due to these unique properties, it is well-suited to a variety of environmental containment and sealing applications such as landfill lining, clay liner production, and deep geological repository buffers. It also works well as a coagulant in the field of wastewater treatment and has a high affinity for cationic contaminants.

Property	Method	Specification
Moisture, %	ASTM D5993	≤12
Fluid Loss, ml	ASTM D5891	≤18
Swell Index, ml	ASTM D5890	≥24 ml
Fraction ≥ 20 mesh, %	ASTM C136	≤15.0
Fraction < 200 mesh, %	ASTM C136	≤10.0

Packaging

ENVIRO-SEAL is available in bags, bulk bags, bulk trucks, and bulk rail and can ship from our Colony or Lovell, WY plants.

Applications/Functions

- Geosynthetic Clay Liners (GCL)
- Seal overlaps of geotextiles layers
- Backfill for radioactive waste disposal
- Coagulant
- Suitable for absorption of specific dyes, pesticides, or heavy metals
- Water Treatment

Advantages

- Granular size enables maximum surface area without powder
- Environmentally acceptable, non-biodegradable and non-toxic
- NSF Standard 60 Certified



Bentonite Performance Minerals LLC A Halliburton Company

3000 N. Sam Houston Pkwy E. Houston, TX 77032-3219

Phone: 281.871.7900

Email: BPMsales@halliburton.com

www.bentonite.com

Sales of BPM products and services will be in accord solely with the terms and conditions contained in the contract with BPM, its affiliates, and/or authorized distributors that is applicable to the sale ©2021 Bentonite. All Rights Reserved. ENVIRO-SEAL® is a registered trademark of Halliburton.

Rev. 10/2021

