

Description NATIONAL[®] STANDARD AE325 is an engineered Wyoming sodium bentonite modified with polymers for stabilizing, thickening, emulsifying and improving viscosity in the water and oil phase for the manufacturing of asphalt emulsion coatings. Micronized particles increase surface area for added stabilization of asphalt emulsion.

Applications/Functions

- Asphalt emulsion
- Ceramics glazes
- Industrial applications and consumer coatings

Advantages

- Additive in brick making for enhanced production improving green and dry strength, increasing water resistance, and boosting yield.
- Emulsifier for water and oil phase water based asphalt emulsions.
- Thickener for water phase.
- Stabilizer for water and oil phase.
- Micro-fine particle size.
- Increased surface area.

Screen Analysis	Typical	Specification
• Dry screen, percent minus 325 mesh	•	• 95.0 Min
• Wet screen, percent plus 200 mesh	•	• 4 Max

Properties	Typical	Specification
• Moisture, percent		• 12 Max
• Rheology (6.04% suspension, 22.5 fr/350ml) Aged Fann [®] 600 RPM		• 30 Min
• Yield Point		• 3 x PV Max
• Filtrate Loss		• 15 Max
• Specific Gravity	• 2.7	
• Bulk Density (lbs/ft ³ compacted)	• 65	
• Bulk Density (lbs/ft ³ uncompactd)	• 39	

Availability NATIONAL[®] STANDARD AE325 can be purchased through any Bentonite Performance Minerals LLC assigned Reseller. To locate the BPM Reseller nearest you, contact the Customer Service Department in Houston or your area BPM Regional Sales Manager.

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