

**Description** NATIONAL<sup>®</sup> STANDARD PG is a natural 200 mesh, high purity Wyoming sodium bentonite. It is used as a binder and rheological modifier. It has application that aids in pellet binding of iron ore.

- Applications/Functions**
- Aids in pellet binding of iron ore
  - Improves heat transfer in steel production resulting in lower energy consumption per ton of steel produced

<b>Advantages</b>	<u>Typical</u>	<u>Specification</u>
• Dry screen, percent minus 200 mesh	• 80	• 67.5 Min
• Wet screen, percent plus 325 mesh		
Colony	• 2.92	• 2.0 - 6.0
Lovell	• 3.8	• 3.0 - 7.0

<b>Screen Analysis</b>	<u>Typical</u>	<u>Specification</u>
• Moisture, percent	• 9.6	• 12 Max
• Plate Water Absorption		
Colony	• 979	• 800 Min
Lovell	• 784	• 700 Min

<b>Properties</b>	<u>Typical</u>	<u>Specification</u>
• Oil Absorption, lb/100 lb clay	• 41.3 (ASTM D281-31)	•
• Surface Area sq M/gram	• 20 (N <sub>2</sub> Absorption)	•
• Fusion Temperature	• 2444° F	•
• Specific Gravity	• 2.7	•
• Bulk Density (lbs/ft <sup>3</sup> compacted)	• 73	•
• Bulk Density (lbs/ft <sup>3</sup> uncompacted)	• 53	•

NATIONAL<sup>®</sup> STANDARD PG 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.

**Availability**

**Bentonite Performance Minerals LLC**  
**A Halliburton Company**  
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