

NATIONAL[®] STANDARD is a natural sodium bentonite (clay) used as a green sand bonding agent to create iron, steel, copper, and aluminum castings. NATIONAL STANDARD has been engineered to create molds with optimal durability, dry and fired strengths while minimizing the needed application rate of the clay. NATIONAL STANDARD requires smaller additions to maintain methylene blue content during the re-bonding process.

BPM offers technical support and in-house testing as each foundry faces unique challenges in green sand control and minimizing sand related scrap.

NATIONAL STANDARD has been used by foundries globally for over 50 years.

	Specification
Moisture, %	12.0 Max
Swell Index, ml	25 Min
Specific Gravity	~2.7
Bulk Density (compacted), lbs/ft ³	~73
Bulk Density (uncompacted), lbs/ft ³	~53

Packaging

NATIONAL STANDARD is available in 50 lb. Bags, bulk bags, bulk trucks and bulk rail and ships from our Colony and Lovell, WY plants.

Applications/Functions

- Green sand molds
- Binding agent
- Ferrous metals molds

Advantages

- Higher durability
- Reduced casting defects
- Less scrap
- Lower bentonite consumption
- Overall cost savings



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