



Solutions for your Environment™

PROFILE® GREENS GRADE™ EMERALD

Profile® Greens Grade™ Emerald is an inorganic soil amendment proven on thousands of greens across the country to resist compaction, eliminate localized dry spot, promote drainage and facilitate healthy root systems that leave turf less prone to disease and other maintenance problems. A kiln-fired porous ceramic from a unique mineral deposit in Mississippi, PPC replaces peat in any sand-based root zone.

MANUFACTURER: PROFILE Products LLC
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(800) 207-6457

- 1. **Materials:** A calcined, non-swelling illite and non-crystalline opal CT mineral
- 2. **Porosity:** Total 74%, with 39% Capillary and 35% Non Capillary
- 3. **pH Range:** 5.5± 1
- 4. **CEC:** 33.6 mEq/100g
- 5. **Stability:** Sulfate Soundness testing (ASTM C-88) and static degradation test not to exceed 4% loss over 20 years
- 6. **Bulk Density:** 36± 2lb/ft³
- 7. **Color Range:** Emerald Green
- 8. **Packaging:** 50 pound valve bags, 2000 pound super sacks, bulk dump truck loads

SIEVE ANALYSIS:

	Typical
+20 MESH	0.7%
-20+50 MESH	98.0%
-50+60 MESH	1.0%
-60 MESH	0.3%



PRODUCT DESCRIPTION: Must be an illite silica blend at 40% minimum and 60% minimum amorphous silica. Material is processed in a rotary kiln operation at temperatures not less than 1200 degrees Fahrenheit. Product is then screened and de-dusted.

TYPICAL CHEMICAL DESCRIPTION:

SiO2 - 74%
Al2O3 - 11%
Fe2O3 - 5%

All other chemicals equal less than 5% and include : CaO, MgO, K2O, Na2O and TiO2