



PELBON

Pelbon is a consistent, high quality calcium bentonite used for a variety of agricultural applications including as a pelleting aid, anti-caking agent, flow agent, and carrier. It is supplied as a 150 mesh powder.

Purity

Pelbon is a hydrous aluminum silicate comprised principally of the clay mineral montmorillonite. It contains minor amounts of quartz, feldspar and mica.

Elemental Composition

Typical analysis – moisture free

SiO ₂	60.5 %
Al ₂ O ₃	18.2 %
Fe ₂ O ₃	5.25 %
MgO	3.26 %
CaO	3.14 %
Na ₂ O	0.20 %
K ₂ O	0.14 %
LOI	4.85 %

Moisture

Maximum 15% as shipped

Dry Particle Size

40% Minimum passing 200 mesh (74 micron)

pH

5.0 to 9.0 @ 5% solids

Bulk Density

50 to 62 pounds per cubic foot

Base Exchange

Typical base exchange ions or exchangeable cations (meq / 100g)

Calcium	60 – 70
Sodium	0 – 3
Magnesium	5 – 15
Potassium	0 – 4

Packaging

50lbs (22.68kgs) multi-wall paper bags
 2000lbs (907.18kgs) bulk bags
 Bulk

Last Updated August 2013

The information contained herein is believed to be accurate and reliable. AMCOL accepts no responsibility for the results obtained through use of this product. AMCOL reserves the right to update information without notice.

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