



75% RED LEAD

ULTRA HIGH PURITY
BATTERY GRADE

Application

This material is produced for use in the positive plates of tubular traction batteries and as an additive to the plates of other lead-acid batteries to improve formation charging and initial capacity.

Physical Properties

Color.....Red
 Form..... Powder
 Density..... 9.10 - 9.20 g/cm³
 Apparent Density.....16 - 24 g/in³
 Acid Absorption.....200 - 235 mg/g
 Median Particle Size.....2.2 - 3.2 μm
 Screen Analysis.....99.9% < 325 mesh
 (U.S. Standard Sieve)

Chemical Composition

Pb ₃ O ₄ (red lead)	72% - 80%
PbO (litharge)	22% - 28%
Pb	1.0% max.

Trace Elements	Maximum (%)
Fe ₂ O ₃	0.0010
ZnO	0.0008
Cu ₂ O	0.0005
Ag	0.0012
Bi ₂ O ₃	0.0100
As ₂ O ₅	0.0003
Sb ₂ O ₃	0.0003
SnO ₂	0.0003
Ni	0.0002
Te	0.0002
Cd	0.0002
Co	0.0002
Cr	0.0002
Mn	0.0002
Se	0.0002

Packaging
50 lb. paper bags
500 lb. 28-gallon steel drums
2,000 lb. Bulk bags
1,000 kg Bulk bags
Pneumatic bulk trailer

NOTE: This data sheet illustrates typical values for this product. If specific characteristics are required that are different from these values, please contact your area sales representative.



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