

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
Specific Gravity.....9.10 - 9.20 microns
Apparent Density.....16 - 19g/cu.in.
Acid Absorption.....200 - 230 mg. / g.
Median Particle Size.....2.0 UM
Screen Analysis.....99.9% < 325 mesh
(U.S. Standard Sieve)

Chemical Composition

Pb ₃ O ₄ (red lead)	77% - 83%
PbO (litharge)	17% - 23%

Trace Elements

Element	Maximum (%)	Typical (%)
Fe	0.0020	0.0007
Zn	0.0008	0.0003
Cu	0.0007	0.0003
Ag	0.0015	0.0012
Bi	0.0270	0.0022
As, Sb, Sn	0.0014	<0.0008
Ni, Te, Th, Cd	0.0008	<0.0005
Co, Cr, Mn, Se	0.0002	<0.0001

Packaging
28 lb. / 11.34 kg Paper bags
50 lb. / 22.68 kg Paper bags
28-gallon steel drums (625 lbs. / 283.50 kg)

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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