

Application

This material is produced for use in stand-by battery plates where precise float current control is required. The extremely low trace element content reduces the deposition of depolarizing metals on the negative electrode thereby assuring that float currents remain constant and gassing is minimized over the life of the battery.

Physical Properties

Color.....Orange/ Red
Form.....Powder
Specific Gravity.....9.35 - 9.45 microns
Apparent Density.....19 - 25 g/cc
Acid Absorption..... 190 - 220 mg/g
Median Particle Size.....2.0 - 3.5 µm
Screen Analysis..... 0.5% > 325 mesh
(U.S. Standard Sieve)

Chemical Composition

Element	Range
Pb ₃ O ₄ (red lead)	22.0% - 30.0%
PbO (litharge)	Balance
Pb (free lead)	0.15% maximum

Trace Elements

Trace Elements	Maximum (%)	Typical (%)
Fe	0.0007	0.0004
Zn	0.0006	0.0004
Cu	0.0004	0.0003
Ag	0.0015	0.00006
Bi	0.0050	< 0.0010
As, Sb, Sn	0.0009	< 0.0005
Ni, Te, Th, Cd	0.0006	< 0.0004
Co, Cr, Mn, Se	0.0002	< 0.0001

Packaging
28-gallon steel drums (525 lbs. / 238.14 kg)
Bulk truck
Special packaging may be available upon request

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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