

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
Density.....9.35 - 9.45 g/cm³
Apparent Density.....19 - 25 g/in³
Acid Absorption.....170 - 200 mg/g
Median Particle Size.....3.0 μM (typical)
Screen Analysis.....99.5% < 325 mesh
(U.S. Standard Sieve)

Chemical Composition

Pb ₃ O ₄ (red lead)	21.5% - 28.5%
PbO (litharge)	69% - 76.0%
Pb (free lead)	2.5% maximum

Trace Elements

Element	Maximum (%)	Typical (%)
Fe	0.0015	0.0005
Zn	0.0006	0.0004
Cu	0.0004	0.0003
Ag	0.0015	0.0006
Bi	0.0300	<0.0050
As, Sb, Sn	0.0009	<0.0005
Ni, Te, Th, Cd	0.0006	<0.0004
Co, Cr, Mn, Se	0.0002	<0.0001

Packaging
500 lb 28-gallon steel drums
600 lb 28-gallon steel drums
Pneumatic bulk trailer

Note:

This data sheet illustrates typical values for this product. If specific characteristics are required that are different from these values or if custom packaging is required, please contact your area sales representative.



HAMMOND

A division of HΔmmond Group, Inc.

1414 Field St. Hammond, IN 46320
T+ (219) 931-9360 F+ (219) 931-2140
Email: info@hammondlead.com