

Application

These materials are produced for use in pigments for the protection of ferrous metal surfaces, as a source of lead in glazes and other ceramic materials, as activators and vulcanizers for rubber, as polymer stabilizers, and as an additive to the positive plate of lead-acid batteries.

Physical Properties

Color.....Orange to Red
 Form.....Powder
 Specific Gravity.....8.80 - 9.10 microns
 Apparent Density.....0.85-1.16g/cu.in.
 Oil Absorption.....6g./100g (typical)
 Median Particle Size.....2.0 UM
 Screen Analysis.....99.95% < 325 mesh
 (U.S. Standard Sieve)

Chemical Composition

	Grade			
	85	95	97	98
Pb₃O₄ (red lead)	85%	95%	97%	98%
PbO (litharge)	15%	5%	3%	2%

Trace Elements

Element	Maximum (%)	Typical (%)
Fe ₂ O ₃	0.0060	0.0040
ZnO	0.0008	0.0003
Cu ₂ O	0.0005	0.0003
Ag	0.0014	0.0007
Bi ₂ O ₃	0.0050	0.0010
As ₂ O ₅ , Sb ₂ O ₃ , SnO ₂	0.0009	<0.0005
Ni, Te, Th, Cd	0.0006	<0.0004
Co, Cr, Mn, Se	0.0002	<0.0001

Packaging
50 lb. / 22.68 kg Paper bags
28-gallon steel drums (525 lbs. / 238.14 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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