



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, polymer stabilizers, and explosive detonators.

Physical Properties

Color.....Orange to Red
Form..... Powder
Density.....8.80 - 9.10 g/cm³
Apparent Density.....14 - 20 g/in³
Median Particle Size.....1.9 - 2.5 μm
Screen Analysis.....99.95% < 325 mesh
(U.S. Standard Sieve)

Chemical Composition

	Grade		
	95	97	98
Pb ₃ O ₄ (red lead)	95%	97%	98%
PbO (litharge)	5%	3%	2%

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 / Poly bags
500 lb. / 600 lbs. 28-gallon steel drums
1,000 kg / 2,000kg Bulk bags

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.

