

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
 Density.....8.80 - 9.10 g/cm³
 Apparent Density.....14-19 g/in³
 Oil Absorption.....6g/100g (typical)
 Median Particle Size.....2.0 μM (typical)
 Screen Analysis.....99.95% < 325 mesh
 (U.S. Standard Sieve)

Chemical Composition

	Grade			
	86	95	97	98
Pb ₃ O ₄ (red lead)	86	95%	97%	98%
PbO (litharge)	14%	5%	3%	2%

Trace Elements

Element	Maximum (%)	Typical (%)
Fe	0.0060	0.0040
Zn	0.0010	0.0003
Cu	0.0010	0.0003
Ag	0.0050	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
50 lb Paper bags
500 lb 28-gallon steel drums
2,000 lb Bulk bags
1,000 kg Bulk bags

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.



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