

## Application

Used as a valuable oxidizing agent in glass manufacturing where its high purity makes it especially useful in fiber optic and optical filter glasses.

## Physical Properties

Color.....Red  
Form.....Powder  
Specific Gravity.....9.10 - 9.20 microns  
Apparent Density.....21 - 25g/cu.in.  
Median Particle Size.....2.8 UM  
Screen Analysis.....99.9% < 325 mesh  
(U.S. Standard Sieve)

## Chemical Composition

Pb <sub>3</sub> O <sub>4</sub> (red lead)	72% - 78%
PbO (litharge)	22% - 28%

## Trace Elements

Element	Maximum (%)	Typical (%)
Fe <sub>2</sub> O <sub>3</sub>	0.0008	0.0004
ZnO	0.0008	0.0004
Cu <sub>2</sub> O	0.0006	0.0003
Ag	0.0014	0.0007
Bi <sub>2</sub> O <sub>3</sub>	0.0050	<0.0010
As <sub>2</sub> O <sub>5</sub> , Sb <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	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 (625 lbs. / 283.50 kg)
Special packaging 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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