

**Application**

This material is used as a source of lead in glass, polymer stabilizers, pigments and plating chemicals where the highest purity and lowest red lead content are required. It is milled to a fine, narrow particle size range for enhanced reactivity and the greatest degree of consistency in solid state reactions.

**Physical Properties**

Color.....Yellow  
 Form..... Powder  
 Specific Gravity..... 9.5 microns  
 Apparent Density.....26 - 32g/cu.in.  
 Molecular Weight.....223.21  
 Melting Point.....1630°F (888°C)  
 Median Particle Size.....3.5 - 4.5 µm  
 Screen Analysis.....99.9% < 325 mesh  
 (U.S. Standard Sieve)

**Chemical Composition**

PbO (litharge)	99.88% minimum
Pb (free lead)	0.10% maximum
Pb <sub>3</sub> O <sub>4</sub> (red lead)	0.02% maximum

Trace Elements	Maximum (%)
Fe <sub>2</sub> O <sub>3</sub>	0.0010
ZnO	0.0008
Cu <sub>2</sub> O	0.0005
Ag	0.0012
Bi <sub>2</sub> O <sub>3</sub>	0.0100
As <sub>2</sub> O <sub>5</sub>	0.0003
Sb <sub>2</sub> O <sub>3</sub>	0.0003
SnO <sub>2</sub>	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. / 22.68 kg Paper bags / pails
28-gallon steel drums (600 lbs. / 272.16 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.

