

## 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.....26-33 g/cu. In.  
 Molecular weight.....223.21  
 Melting point.....1630° F. (888° C.)  
 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

Element	Maximum (%)
Fe <sub>2</sub> O <sub>3</sub>	0.0010
ZnO	0.0008
Cu <sub>2</sub> O	0.0005
Ag	0.0015
Bi <sub>2</sub> O <sub>3</sub>	0.0100
As <sub>2</sub> O <sub>5</sub> , Sb <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	0.0009
Ni, Te, Th, Cd	0.0006
Co, Cr, Mn, Se	0.0002

Packaging
50 lb. / 22.68 kg paper bags/pails
28 gallon steel drums (700 lbs. / 317.51 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.



# HAMMOND LEAD PRODUCTS

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