



HT-100 LITHARGE

STANDARD GRADE

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
Apparent density.....30-35 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)	99.58% minimum
Pb (free lead)	0.40% maximum
Pb ₃ O ₄	0.01% maximum

Trace Elements

Element	Maximum (%)
Fe ₂ O ₃	0.0015
ZnO	0.0008
Cu ₂ O	0.0005
Ag	0.0035
Bi ₂ O ₃	0.0200
As ₂ O ₅ , Sb ₂ O ₃ , SnO ₂	0.0009
Ni, Te, Th, Cd	0.0006
Co, Cr, Mn, Se	0.0002

Packaging
1,000 lb bulk bags
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

A division of Hammond Group, Inc.

1414 Field St. Hammond, IN 46320

T+ (219) 931-9360 F+(219) 931-2140

Email: info@hammondlead.com