

HAMMOND HT-100 LITHARGE

STANDARD GRADE TECHNICAL DATA

APPLICATIONS

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 / in ³
Molecular weight	223.21
Melting Point	1630° F. (888° C.)
Screen Analysis (U.S. Standard Sieve)	99.9% < 325mesh

CHEMICAL COMPOSITION

PbO (Litharge)	99.58% minimum
Pb (Free Lead)	0.40% maximum
Pb₃O₄ (Lead Tetroxide)	0.01% maximum

TRACE ELEMENTS

Element	Maximum %
Iron Oxide	0.0015
Zinc Oxide	0.0008
Copper Oxide	0.0005
Silver	0.0035
Bismuth Oxide	0.0200
Arsenic Oxide	0.0009
Antimony Trioxide	0.0009
Tin Oxide	0.0009
Nickel	0.0006
Tellurium	0.0006
Thorium	0.0006
Cadmium	0.0006
Cobalt	0.0002
Chromium	0.0002
Manganese	0.0002
Selenium	0.0002

PACKAGING

1,000 lb. bulk bags
28 gallon steel drums (700 lb. / 317.51 kg)
Special packaging available upon request

NOTES

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.

HAMMOND
THE CHANGE CATALYST®

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