



100Y LITHARGE

Electronic Grade

Application

This material is used as a source of lead in glass and polymer stabilizers where higher purity is required. It is milled to achieve 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 grams
 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.....0.05% > 325 mesh
 (U.S. Standard Sieve) 99.5% < 325 mesh

Chemical Composition

PbO (litharge)	99.85% minimum
Pb (free lead)	0.10% maximum
Pb ₃ O ₄ (red lead)	0.05% maximum

Element	Maximum (%)
Fe ₂ O ₃	0.0025
ZnO	0.0008
Cu ₂ O	0.0010
Ag	0.0015
Bi ₂ O ₃	0.0150
As ₂ O ₅	0.0004
Sb ₂ O ₃	0.0004
SnO ₂	0.0004
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)
Sling bags (<2,000 lbs. / 907.19 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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