



100Y LITHARGE

Standard Grade

Application

This is a high purity, free flowing, powdered litharge of uniform particle size. It is used as a source of lead in glass and polymer stabilizers.

Physical Properties

Color.....Yellow
 Form..... Powder
 Specific Gravity..... 9.5 grams
 Apparent Density.....26 - 34g/cu.in.
 Molecular Weight.....223.2
 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)	99.80% minimum
Pb (free lead)	0.15% maximum
Pb ₃ O ₄ (red lead)	0.05% maximum

Trace Elements	Maximum (%)
Fe ₂ O ₃	0.0050
ZnO	0.0010
Cu ₂ O	0.0015
Ag	0.0050
Bi ₂ O ₃	0.0250
As ₂ O ₅	0.0005
Sb ₂ O ₃	0.0005
SnO ₂	0.0005
Ni	0.0003
Te	0.0003
Cd	0.0003
Co	0.0003
Cr	0.0003
Mn	0.0003
Se	0.0003

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)
Pneumatic Bulk Trailer
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.

