

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
Density..... 9.5 g/cc
Apparent Density..... 26 - 32g/cu.in.
Molecular Weight..... 223.2
Melting Point..... 1630°F. (888°C.)
Median Particle Size..... 3-5 µm
Screen Analysis..... 0.05% > 325 mesh
99.5% < 325 mesh

(U.S. Standard Sieve)

Chemical Composition

Element	Range
PbO (litharge)	99.82% minimum
Pb (free lead)	0.15% maximum
Pb ₃ O ₄ (red lead)	0.05% maximum

Physical Properties

Trace Elements	Maximum (%)	Typical (%)
Fe	0.0007	0.0004
Zn	0.0006	0.0004
Cu	0.0004	0.0003
Ag	0.0015	0.00006
Bi	0.0050	< 0.0009
As, Sb, Sn	0.0009	< 0.0004
Ni, Te, Th, Cd	0.0006	< 0.0005
Co, Cr, Mn, Se	0.0002	< 0.0001

Packaging
28-gallon steel drums (700 lbs. / 907.19 kg)
Bulk truck
Special packaging may be 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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