

Application

This material is used as a source of lead in glass and polymer stabilizers. Grade 84Y is extensively milled to achieve the finest particle size and the maximum reactivity.

Physical Properties

Color.....Yellow
Form.....fine powder
Specific Gravity..... 9.5 g/cc
Apparent Density.....13 - 16.5 g/cu.in.
Molecular Weight.....223.21
Melting Point.....1630°F. (888°C.)
Median Particle Size.....1.0 - 2.0um
Screen Analysis.....99.97% < 325 mesh
(U.S. Standard Sieve)

Chemical Composition

Element	Range
PbO (litharge)	99.90% minimum
Pb (free lead)	0.05% maximum
Pb ₃ O ₄ (red lead)	0.05% maximum

Trace Elements

Trace Elements	Maximum (%)	Typical (%)
Fe ₂ O ₃	0.0030	0.0003
ZnO	0.0010	0.0004
Cu ₂ O	0.0008	0.0003
Ag	0.0050	0.0007
Bi ₂ O ₃	0.0300	0.0025
As ₂ O ₅ , Sb ₂ O ₃ , SnO ₂	0.0014	< 0.0005
Ni, Te Th, Cd	0.0008	< 0.0005
Co, Cr, Mn, Se	0.0002	< 0.0001

Packaging
50 lb. / 22.68 kg Polyethylene bags
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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