

### Application

This material is used as a source of lead in glass, electronic ceramics and polymer stabilizers. Grade 400Y is spheroidized for improved flow characteristics and reduced fugitive dusting.

### Physical Properties

Color.....Tan  
Form.....hard granules  
Specific Gravity..... 9.5 microns  
Molecular Weight.....223.21  
Refractive Index.....2.67  
Melting Point.....1630°F. (888°C.)  
Screen Analysis.....greater than 7 mesh (0%)  
(U.S. Standard Sieve)    between 7 - 16 mesh (15%)  
                                  between 16 - 40 mesh (33%)  
                                  between 40 - 70 mesh (42%)  
                                  between 70 - 100 mesh (5%)  
                                  between 100 - 325 mesh (1%)

### Chemical Composition

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

### Trace Elements

Element	Maximum (%)	Typical (%)
Fe <sub>2</sub> O <sub>3</sub>	0.0100	0.0020
ZnO	0.0010	0.0004
Cu <sub>2</sub> O	0.0010	0.0006
Ag	0.0015	0.0012
Bi <sub>2</sub> O <sub>3</sub>	0.0300	0.0025
As <sub>2</sub> O <sub>5</sub> , Sb <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub>	0.0019	<0.0010
Ni, Te, Th, Cd	0.0008	<0.0005
Co, Cr, Mn, Se	0.0002	<0.0001

Packaging
50lb. / 22.68 kg Paper bags
500 lb. / 272.16 kg Steel drums
Sling bags (<2,000 lbs. / 907.19 kg)
Bulk Truck
Bulk hopper car

### 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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