

# HAMMOND 100Y LITHARGE

# STANDARD GRADE TECHNICAL DATA

## APPLICATIONS

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

<b>Color</b>	Yellow
<b>Form</b>	Powder
<b>Specific Gravity</b>	9.5 grams
<b>Apparent Density</b>	26 - 34 g/in <sup>3</sup>
<b>Molecular Weight</b>	223.2
<b>Melting Point</b>	1630°F (888°C)
<b>Median Particle Size</b>	3.5 - 4.5 µm
<b>Screen Analysis (U.S. Standard Sieve)</b>	0.05% > 325 mesh 99.5% < 325 mesh

## CHEMICAL COMPOSITION

<b>PbO</b> (Litharge)	99.80% minimum
<b>Pb</b> (Free Lead)	0.15% maximum
<b>Pb<sub>3</sub>O<sub>4</sub></b> (Red Lead)	0.05% maximum

## TRACE ELEMENTS

<b>Element</b>	<b>Maximum %</b>
Iron Oxide	0.0050
Zinc Oxide	0.0010
Copper Oxide	0.0015
Silver	0.0050
Bismuth Oxide	0.0250
Arsenic Oxide	0.0005
Antimony Trioxide	0.0005
Tin Oxide	0.0005
Nickel	0.0003
Tellurium	0.0003
Cadmium	0.0003
Cobalt	0.0003
Chromium	0.0003
Manganese	0.0003
Selenium	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

## NOTES

This data sheet illustrates typical values for this product. If specific characteristics are required that are different from these values or if custom packaging is required, please contact your area sales representative.

**HAMMOND**  
THE CHANGE CATALYST®

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