

# HAMMOND RED LEAD

# STANDARD PIGMENT GRADES TECHNICAL DATA

## APPLICATIONS

These materials are produced for use in pigments for the protection of ferrous metal surfaces, as a source of lead in glazes and other ceramic materials, as activators and vulcanizers for rubber, as polymer stabilizers, and as an additive to the positive plate of lead-acid batteries.

## PHYSICAL PROPERTIES

<b>Color</b>	Orange to Red
<b>Form</b>	Powder
<b>Density</b>	8.80 - 9.10 g/cm <sup>3</sup>
<b>Apparent Density</b>	14 - 19 g/in <sup>3</sup>
<b>Oil Absorption</b>	6g/100g (typical)
<b>Median Particle Size</b>	2.0 µM (typical)
<b>Screen Analysis (U.S. Standard Sieve)</b>	99.95% <325 mesh

## CHEMICAL COMPOSITION

	<b>Grade 86</b>	<b>95</b>	<b>97</b>	<b>98</b>
<b>Pb<sub>3</sub>O<sub>4</sub></b> (Red Lead)	86%	95%	97%	98%
<b>PbO</b> (Litharge)	14%	5%	3%	2%

## TRACE ELEMENTS

<b>Element</b>	<b>Maximum %</b>
Iron Oxide	0.0010
Zinc Oxide	0.0008
Copper Oxide	0.0005
Silver	0.0012
Bismuth Oxide	0.0100
Arsenic Oxide	0.0003
Antimony Trioxide	0.0003
Tin Oxide	0.0003
Nickel	0.0002
Tellurium	0.0002
Cadmium	0.0002
Cobalt	0.0002
Chromium	0.0002
Manganese	0.0002
Selenium	0.0002

## PACKAGING

50 lb. paper bags  
500 lb. 28-gallon steel drums  
2,000 lb. bulk bags  
1,000 kg bulk bags  
Pneumatic bulk trailer

## NOTES

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.

**HAMMOND**  
THE CHANGE CATALYST®

Hammond Lead Products  
2901 Carlson Drive, Suite 200  
Hammond, IN 46323 USA  
Phone: (219) 931-9360  
Fax: (219) 931-2140



HAMMONDGLOBAL.COM

©Hammond Group Inc. 2023 · Proprietary Information: Not to be disclosed to a third party without the express written consent of Hammond Group Inc.