# HLP RED LEAD

#### Application

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, polymer stabilizers, and explosive detonators.

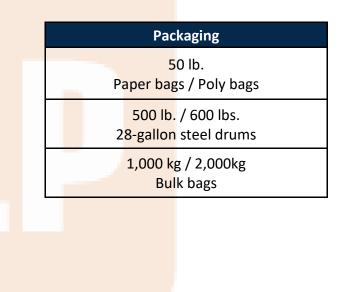
#### **Physical Properties**

Color	Orange to Red			
Form	Powder			
Density	8.80 - 9.10 g/cm <sup>3</sup>			
Apparent Density	14 - 20 g/in <sup>3</sup>			
Median Particle Size	1.9 - 2.5 μm			
Screen Analysis				
(U.S. Standard Sieve)				

Trace Elements	Maximum (%)		
$Fe_2O_3$	0.0010		
Zn0	0.00 <mark>08</mark>		
Cu <sub>2</sub> 0	0.0005		
Ag	0.0012		
Bi <sub>2</sub> O <sub>3</sub>	0.0100		
As <sub>2</sub> 0 <sub>5</sub>	0.0003		
Sb <sub>2</sub> 0 <sub>3</sub>	0.0003		
Sn0 <sub>2</sub>	0.0003		
Ni	0.0002		
Те	0.0002		
Cd	0.0002		
Со	0.0002		
Cr	0.0002		
Mn	0.0002		
Se	0.0002		

### **Chemical Composition**

Grade				
	95	97	98	
Pb <sub>3</sub> 0 <sub>4</sub> (red lead)	95%	97%	98%	
Pb0 (litharge)	5%	3%	2%	



**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.

## HAMMOND LEAD PRODUCTS

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