

RED LEAD HIGH PERFORMANCE

STANDARD 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, polymer stabilizers, and as an additive to the positive plate of the lead-acid batteries.

PHYSICAL PROPERTIES

Color	Orange to Red
Form	Powder
Density	8.80 - 9.10 g/cm ³
Apparent Density	14 - 20 g/in ³
Median Particle Size	1.9 - 2.5 μM
Screen Analysis (U.S. Standard Sieve)	99.95% <325 mesh

CHEMICAL COMPOSITION

	Grade		
	95	97	98
Pb₃O₄ (Red Lead)	95%	97%	98%
PbO (Litharge)	5%	3%	2%

TRACE ELEMENTS

Element	Maximum %
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. paper / poly bags
500 lb. / 600 lb. 28-gallon steel drums
2,000 kg bulk bags
1,000 kg bulk bags

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®

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