

RED LEAD HIGH PERCENTAGE

ULTRA HIGH PURITY 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 explosive detonators.

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	0.0010
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 / poly bags
500 lb. / 600 lb. 28-gallon steel drums
1,000 kg bulk bags
2,000 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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