

HAMMOND BATTERY LITHARGE

AUTOMOTIVE GRADE TECHNICAL DATA

APPLICATIONS

This material is specially processed for automotive or other high energy output battery plates. The specific characteristics are designed to produce plates with high cranking power, excellent reserve capacity & long life.

PHYSICAL PROPERTIES

Color	Brown
Form	Powder
Density	9.89 - 10.02 g/cm ³
Apparent Density	18 - 24 g / in ³
Acid Absorption	195 - 205 mg/g min.
Median Particle Size	2.2 - 3.2 μM (typical)
Screen Analysis (U.S. Standard Sieve)	99.9% < 325 mesh

CHEMICAL COMPOSITION

PbO (Litharge)	73% - 81%
Pb (Free Lead)	19% - 27%
Orthorhombic PbO content	5% maximum

TRACE ELEMENTS

Element	Maximum %
Iron	0.0015
Zinc	0.0010
Copper	0.0010
Silver	0.0050
Bismuth	0.0300
Arsenic	0.0010
Antimony	0.0010
Tin	0.0010
Nickel	0.0008
Tellurium	0.0008
Cadmium	0.0008
Cobalt	0.0002
Chromium	0.0002
Manganese	0.0002
Selenium	0.0002

PACKAGING

28 gallon DOT drums
50 lb. pails (22.68 kg)
Bulk truck

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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