



Lectro[®] Max 410 Anode Material

CAS No. 7439-93-2

QS-PDS-2007 Revision: 05

Date of Last Revision: July 7, 2022

Lectro[®] Max410

Formula: Li:Al

Appearance: Metallic silver in color

Application: Anode material for lithium batteries.

Lectro Battery Products

Livent provides a comprehensive line of products for battery applications including additional Lectro Max Anode Materials, Lectro Lyte Salts, and lithium precursors for producing critical battery materials. Livent possesses extensive capabilities to develop and customize products and packaging to meet specific customer requirements.

Product Specifications:	Li, wt. %	99.6	min
	Li + Al, wt. %	99.9	min
	Na, wppm	100	max
	Ca, wppm	150	max
	Fe, wppm	100	max
	Si, wppm	100	max
	Cl, wppm	60	max
	N, wppm	300	max
	K, wppm	100	max
	Al, wppm*	100 min	4000 max

Standard size: 6" diameter x 20" length. Customer sizes available.

* Made to agreed upon customer specifications.

Physical Properties:	Li 96%	AL 4%
	Melting Point for Li	180.5°C
	True Density	0.534 g/cm ³

Solubility: NONE



Toxicity / Safety Data / Handling / Storage / Disposal: *Information on toxicity, safety, handling, storage and disposal is contained in the Safety Data Sheet (SDS) for this product.*

- Shipping Containers:**
- 2.2 Kg / 4.85 lbs ingots are individually dry packed under argon in hermetically sealed aluminized polyester pouches. Each ingot is placed in a bubble bag. 24 ingots per steel drum.
 - 4.75 Kg / 10.49 lbs ingots are individually dry packed under argon in hermetically sealed aluminized polyester pouches. Each ingot is placed in a bubble bag. 10 ingots per steel drum.

Shipping Limitations: Shipments of lithium metal are described as "Lithium, UN 1415," PG I. All shipments are Hazard Class 4.3 and require "Dangerous When Wet" labels.

Post, Parcel	Not acceptable	
Sea	Class 4.3	(IMDG)
Road, Rail	Class 4.3.11 a	(RID/ADR)
Air	15 Kg max	Cargo Aircraft Only

Responsible Care initiative dictates that all shipments of lithium chemicals must be transported in an approved vehicle in a responsible manner (i.e., no flat bed trucks).