

## REFINED LEAD

- **Refined lead** Pb min. 99,97%, 99,985%, crude lead Pb 99,95%/bullion and lead alloys with antimony, tin, selenium and calcium.

Refined lead and its alloys are offered in ingots weighing approximately 30-50 kg, strapped with steel or polypropylene strips into packaging weighing approximately 1400 kg. We have the possibility to modify the chemical composition according to the customer's specification.

We fulfil all the obligations imposed on us by the provisions of the REACH Regulation.

The selling price of lead and its alloys are based on quotations of lead LME. The Company hedges against the risk of changes in quotations of LME.

**Application:** in electronics, construction, the chemical industry and many other fields.

However, the largest use of lead is in the automotive industry, in particular car batteries.

Refined lead and its alloys are key elements in the manufacturing of lead-acid batteries.

Grade acc. GOST	Chemical composition, %																
	Lead Pb %	Other max %															
	min.	Ag	Cu	Zn	Bi	As	Sn	Sb	Ca	Fe	Al.	Se	Mg+ Ca+ Na	S	Cd	Ni	TOTAL
bullion	rest	0,004	0,06		0,03	0,3	0,3	3									
C-1	99,985	0.001	0.001	0.001	0.006	0.0005	0.0005	0.0001		0.0001			0.002				0.015
C-2	99,95	0.002	0.001	0.001	0.03	0.002	0.002	0.005		0.002			0.01				0.05
C2C	99,97	0,0025	0,001	0,001	0,02	0,001	0,001	0,001		0,001							
CCYA 3,25-3,75%	rest		0,1		0,1	0,05	0,29	3,75									
CCYA 4,75-5,25%	rest	0,01	0,02	0,002	0,03	0,25	0,015	5,25		0,001				0,002	0,001	0,001	
CCYA 6,0%	rest		0,055	0,001	0,03	0,12	0,01	6,5		0,005		0,005		0,005		0,002	
CCYA 6,0-7,00%	rest	0,006	0,055	0,0005	0,025	0,001	0,1	7,00							0,0005	0,001	
PbCaSn	rest	0,005	0,003		0,04	0,002	0,3	0,001	0,11		0,02						
PbSb1,7Se	rest	0,01	0,05	0,005	0,03	0,3	0,2	1,8		0,003		0,035		0,005		0,01	