

CATALOG
PRODUCTS OF JSC “ALMALYK MMC”

Almalyk, 2024



Copper cathodes

Brand M00k, Cu – 99.99% (M0k – no less than 99.97%, M1k – no less than 99.95%),

GOST 546-2001,

HS code 7403 11 0000

Cathodes 820mm x 850mm x 10mm (average weight of 1 sheet equals to 50 kg) packed in bags tied with steel tape weighing up to 1.5 tons.

Used for cable and wire products, production of copper-based alloys, electrical engineering, copper pipes, automotive industry, roofing, etc.



Copper wire rod

Diameter 8 mm +/-0.2 mm, brand KM0, Cu – 99.99%, EN 13602/DIN EN 1977, HS code 7408 11 0000

It is shipped in the form of coils on pallets, tied with steel tape weighing up to 3-3.5 tons.

Used for manufacture of cables, wires and electric motor windings.



Copper wire

Diameter from 0.1 to 3.0 mm, brand M00k, Cu – 99.99%

Manufactured according to requirements

TSh 64-05755737-141, HS code – 7408 19 1000

The weight of a wire piece is not less than 40 kg.

The wire is intended for manufacture of cables and wires, as well as for other electrical purposes.



Enamel wire

PET-155-1.25. Wires insulated with varnish, with a nominal wire diameter of 1.25 mm.

Diameter from 0.25 to 1.8 mm, brand M00k, Cu – 99.99%

GOST 21428-75, HS code – 8544 11 1000

The weight of a wire piece is not less than 30 kg.

The wire is intended for production and repair of electric motors, as well as in other industries where it is necessary to wrap parts.



Zinc metal

GOST 3640-94, brand Ts0A, Zn - 99.98%

brand Ts0, Zn - 99.975%,

HS code – 7901 12 1000.

Ingots weighing about 8-10 kg, packed in bags weighing no more than 1000 kg, no more than 500 mm high, tied with steel tape.

Used in electroplating, medicine, production of zinc-containing alloys, paint and varnish products, mechanical engineering, construction, etc.



Zinc powder

Manufactured in accordance with the requirements of GOST 12601

class B, brand PTs6,

HS code – 7903 10 0000.

Zinc powder is light grey or grey.

Zinc powder is packaged in special sealed containers: metal containers and drums.

Used for cementation in the extraction of non-ferrous and precious metals.



Zinc white

Produced in accordance with GOST 202-84, zinc content 87.33%.

HS code – 2817 00 0000. Packaging 25 kg in polypropylene bags with a polyethylene liner. Used for the production of paints and varnishes, asbestos products, artificial leather and sole rubber.



Zinc sulfate

Produced in accordance with GOST 8723-2003, zinc content 35%,

HS code – 2833 29 2000. Technical zinc sulfate is granules, powder or a white mixture.

Packaging in bags (50 kg) or big-bags.

It is used in the production of viscose, mineral paints, glazes, in metallurgy and beneficiation (flotation agent), in medicine and agriculture, as well as in batteries and chemical energy sources.



ZAMAK alloy

Produced in accordance with GOST 19424-97, HS code – 7901 20 0000. The product is packed in bags of 1.2-1.5 mt, tied with steel tape in at least four strips.

Used in electroplating, in the production of zinc-containing alloys, mechanical engineering, construction, etc.



Technical sulfuric acid

Produced in accordance with the requirements of GOST 2184 brand: improved and technical (1st grade and 2nd grade).

The HS code is 2807 00 0001.

Shipped in special railway tanks or via a pipeline system. The batch size when shipping products in barrels is no more than 20 tons.

Used in ore processing, especially in the extraction of rare elements, in the production of mineral fertilizers, as an electrolyte in lead batteries, for the production of various mineral acids and salts, in the production of chemical fibers, dyes, smoke-forming and explosive substances, etc.



Iron supplements

Produced in accordance with the requirements of Ts 00193950-077:2018, HS code 2601 20 0000

Iron additives are shipped by road (22 tons) or rail transport (52-55 tons).

Iron additives are used in the production of portland cement.



Cadmium metal

Produced in accordance with GOST 1467 brands: Kd0A, Kd - 99.98% and Kd0, Kd - no less than 99.96%, HS code – 8107 20 0000.

Packaging of cadmium in the form of ingots weighing 10.0 ± 1.5 kg, which are placed on pallets. Metal cadmium is used in the production of alloys for electrical engineering, mechanical engineering, for applying anti-corrosion coatings to metals, the nuclear industry and for the production of inorganic dyes.



Rhenium in ammonium perrhenate

Produced in accordance with the requirements of GOST 31411 brands: AR-00 69.3%, AR-0 69.1% and AR-1 69.0%, HS code – 2841 90 8500. Ammonium perrhenate is a white crystalline powder. Packaged in plastic bags (25 kg each).

Ammonium perrhenate is used for the manufacture of electronic devices, in aviation and space technology. Also during cracking of oil - with a catalyst.



Rhenium powder

Production under development.

HS code – 8112 92 3100.

Rhenium powder has a dark grey colour.

Packaging in plastic cans placed in a wooden box.

The most important properties of rhenium that determine its use are its very high melting point, resistance to chemical reagents.



Lead concentrate

An intermediate product obtained from the enrichment of polymetallic ores of the Khandiza deposit.

The lead content in the concentrate is 31.8%.

Manufactured according to

TS 00193950-080:2018.

HS code – 2607 00 0000

Packaging: in big bags (1.2 tons).

Used to extract lead from it.



Lead cake

Technogenic waste, a product of filtration of solutions during leaching of oxides in the production of zinc.

The lead content in the cake is 34.4%.

Manufactured according to TS 00193950-081:2018.

HS code – 2607 29 0000

Packaging: in big bags (1.2 tons).

Used to extract lead from it.



Lead slime

Technogenic waste, a product of wet gas purification of process gases in sulfuric acid production.

The lead content in the slime is 40.0%.

Manufactured according to TS 00193950-086:2018.

HS code – 2607 29 0000

Packaging: in big bags (1.2 tons).

Used to extract lead from it.



Lead dust from electrostatic precipitators

Man-made waste, product of dry cleaning of converter gases. The lead content in dust is 51.0%. Manufactured according to TS 00193950-082:2018,

HS code – 2607 29 0000.

Packaging: in big bags (1.2 tons).

Used to extract lead from it.



Palladium powder

Produced in accordance with the requirements of GOST 31291-2005, HS code – 7110 11 0009.

Palladium powder has a certain color resemblance to silver in appearance. Packaging in plastic cans (4-5 kg), placed in a wooden box. Due to its inertness and other qualities, palladium is used in the following industries: production of catalysts for cars, jewelry, medicine, investment, electronics, and chemicals.



Platinum powder

Production under development

HS code – 7110 21 0009.

Packaging in plastic cans, placed in a wooden box.

Platinum is used as a catalyst, as well as in jewelry and dentistry. It is used for the manufacture of spark plug electrodes with a long service life, second in this quality only to iridium and its alloy with rhodium.



Selenium technical

Manufactured according to requirements GOST 10298 brands: ST-0 99.8% and ST-1 99.0%, HS code – 2804 90 0000. Technical selenium is produced in ingots of no more than 7.5 kg. They have the shape of a truncated pyramid and granules. Technical selenium is wrapped in wrapping paper and placed in wooden boxes in accordance with GOST 5959. The weight of selenium in the box does not exceed 50 kg.

Selenides of many elements are used in semiconductors, for example, tin, lead, bismuth, antimony, and lanthanide selenides. Glass, chemical (production of paints and enamels), pharmaceutical industry.



Tellurium technical

Manufactured according to requirements GOST 17614-2018 brands: T00 - 99.95% and T0 - 99.93%, HS code - 2804 50 9000. Technical tellurium in powder has a dark grey or black colour. Packed in plastic bags (25 kg each) in accordance with GOST 17811-78. The bags must be welded and placed in cotton bags and placed in boxes in accordance with GOST 5959-80. The weight of the box (gross) should be no more than 50 kg.

Used for the production of alloys, thermoelectric materials, semiconductors, rubbers, glasses, light sources and other purposes.



Pulverized lime

Manufactured according to requirements Ts 00193950-035:2016, HS code 2522 10 0000. Pulverized lime from carbonate rocks, burnt, crushed, quicklime. Shipment is made in bulk by motor vehicles (5-10 tons). Used in the construction industry.



Dolomite flour

Manufactured according to requirements GOST 14050-93, HS code 2517 10 2000. Shipment is made in bulk by motor vehicles (22 tons). Used in the construction industry.



Ragged Stone

Extraction from the Sauk-Bulak mine (Almalyk),
HS code – 8516 60 5000.

Shipment is made in bulk by motor vehicles (22
tons).

Used in the construction industry.



Sand

Produced in accordance with the requirements of
GOST 8736-2014, HS code – 2517 10 8000.

Sand from dense rocks for construction work.

Shipment is made in bulk by motor vehicles
(22 tons) and open wagons (50-55 tons).

Used in the construction industry.



Crushed stone

Produced in accordance with the requirements of
GOST-8267-93, HS code – 2517 10 1000.

Shipment is made in bulk by motor vehicles (22
tons) and open wagons (50-55 tons).

Used in the construction industry
(foundation, backfill).



Copper sulfate

Manufactured according to requirements GOST 19347-99 brands: “A” (highest grade - 99.1%, first grade - 98.0%) and “B” (first grade - 96.0%), HS code 2833 25 0000.

Packaged double polyethylene and polypropylene bags (50 kg) or polypropylene big-bags with polyethylene liners (1250 kg). Used to obtain other compounds in medicine, the food industry, in the production of mineral paints, and in agriculture as an antiseptic, fungicide and fertilizer.



Molybdenum metal in the form of sintered briquettes

Manufactured in accordance with the requirements of Ts 00193950-087:2018.

Mass fraction of molybdenum:
for brand 1 - no less than 96.942%,
for brand 2 - no less than 96.252%,
HS code 8102 99 0000.

Used in the metallurgical industry for alloying heat-resistant high-alloy steels.



Molybdenum stacks for metallurgical purposes

Manufactured in accordance with the requirements of Ts 00193950-120-2022 standard.

Mass fraction of molybdenum:
not less than 99.4%,
HS code 8102 94 0000.

Used in the metallurgical industry for alloying heat-resistant high-alloy steels.



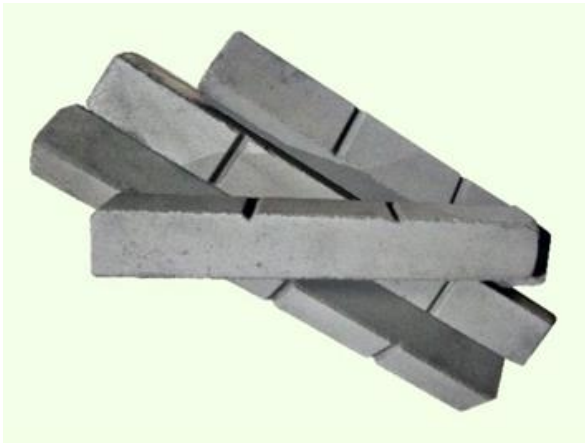
Molybdenum trioxide

Manufactured in accordance with the requirements of Ts 00193950-121:2022.

Mass fraction of molybdenum is not less than 66.437%

HS code – 2825 70 0000.

Used as a raw material for the production of molybdenum metal.



Tungsten metal

in the form of sintered briquettes

Manufactured in accordance with the requirements of Ts 00193950-088:2018.

Mass fraction of tungsten:

for brand 1 - no less than 96.918%,

for brand 2 - no less than 96.318%,

HS code 8101 99 9000.

Used in the metallurgical industry for alloying heat-resistant high-alloy steels.



Tungsten rods for metallurgical purposes

Manufactured in accordance with the requirements of Ts 00193950-123-2022.

Mass fraction of tungsten: not less than 99.592%,

HS code 8101 94 0000.

Used in the metallurgical industry for alloying heat-resistant high-alloy steels.



Carbide dies

They are produced according to customer drawings and requirements, the quality of hard alloy grades meets the requirements of GOST 3882-74, brand VK. It is used for drawing wire and round rods of various sizes; they are used for deforming metal by pulling it through a narrowing channel of various profiles; they are distinguished by their versatility and quick tool replacement.



Fireproof heat-insulating fireclay bricks

Manufactured according to requirements GOST 8691-73, GOST 390-96, GOST 5040-2015, brands ShB-1, ShT-0.9, ShA-9.

Packaging and size: ShB -1 sizes

230x114x65mm, piece-0.9 sizes

230x140x65mm, ShA-9 sizes 300x150x65mm.

The products are used for laying various thermal units with a maximum application temperature of 1250-1400°C



Acid-resistant fireclay tiles and bricks

Manufactured in accordance with the requirements of GOST 961-89 and GOST 474-90, brands PP-6 and KP. Size 230x113x(20-65) Acid resistance 97.0-98.0%. The products are intended for lining equipment operated under conditions of exposure to aggressive substances.