



Ludingyuan Chemical Group



About Us



 **Inner Mongolia Ludingyuan Co., Ltd**

→ **is** an international energy and chemical group integrating **PRODUCTION and EXPORT.**

→ **is** the **KEY SUPPORT and INVESTMENT ATTRACTION PROJECT** of the **ORDOS GOVERNMENT.**

Vision



***Our Vision** is to achieve world-class energy and chemical enterprise group with world-class status, and to be the new economic force and new business format in Inner Mongolia.*

Mission



Our First Priority is to bring our customers the **BEST PRICE** and **BEST QUALITY** all year around regardless of their location. **Our Mission** is to fulfill customers' needs for premium quality products with an efficient, reliable, and always customer-first focus.

Our Advantage



Professional Manufacturer

- Focus on the chemical industry 10 years;
- Covers an area of 3 million square meters;
- More than 1000 employees;
- Sales of 50 million US dollars.



Fast Delivery

- Seaport based factories allows us the privilege to deliver goods after approximately 12 working days after advanced payment;
- 7 large logistics companies cooperation.



Quality Guarantee

- ISO, SGS certificate
- Verified by B2B platform Alibaba



Industry Position

- China's top 20 PVC Industry;
- China's top 500 Chemical Enterprise;
- China's top 500 Calcium Carbide Enterprise.



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PVC (Polyvinyl Chloride)

Product introduction

Polyvinyl chloride is high molecular compounds polymerized by vinyl chloride monomer(VCM) with structural element as CH2-CHCLn, degree of polymerization usually as 590-1500.In the process of re-polymerization, affected by kinds of factors such as the polymerization process, reaction conditions, reactant composition, additives etc.

Application

- 1) Used as a raw material for PVC plastic products.
- 2) Used in the production of U-PVC doors and windows, profiles and pipes.
- 3) Used to make vinyl chloride resin, etc.

Product details

Product Name	PVC
CAS No.	9002-86-2
MF	(CH ₂ -HCCL)N
EINECS No.	618-338-8
Appearance	white powder, translucent and shiny
Size	99%
Brand Name	Ludingyuan

Specification

ITEM	SG3	SG4	SG5	SG7	SG8
Average degree of polymerization	1250-1350	980-1100	980-1100	750-850	650-740
K value	71-72	66-68	66-68	60-62	55-59
Viscosity	127-135	107-118	107-118	87-95	73-86
Foreign Particle	16max	16max	16max	16max	16max
Volatile Matter, %	30max	30max	30max	30max	30max
Apparent Density, g/ml	0.48min	0.53min	0.48min	0.53min	0.53min
0.25mm Sieve Retained, %	1.0max	1.0max	1.0max	2.0max	2.0max
0.063mm Sieve Retained, %	98min	98min	95min	97min	97min
No. of Grain/400cm2	10max	10max	10max	20max	20max
Plasticizer absorption of 100g resin, g	28min	19min	25min	16min	14min
WHITENESS DEGREE 160°C 10min, %	80	80	80	80	80



Paste Resin

Product introduction

PVC paste resin belongs to a product branch of PVC resin. PVC paste resin is named after its highly dispersed powder used in paste processing. Because of its excellent paste-forming performance and good dispersion performance, it is mainly used in the field of soft materials of PVC resin. It can be applied to coating, dipping, spraying, foaming and other processing technology, widely used in artificial leather, decorative materials, floor leather, wall paper, industrial conveyor belts, sports fields, coatings, adhesives, toys, medical disposable gloves, daily decorative materials, electrical instruments and electrical tools and many other materials and products .

Application

- 1) Used in artificial leather industry
- 2) Used in wallpaper industry
- 3) Used in glove material industry
- 4) Used in toy industry etc.

Product details

Product Name	Paste Resin
CAS No.	9002-86-2
MF	C ₂ H ₃ C1
EINECS No.	618-338-8
Appearance	White or light yellow powder
Size	99%
Brand Name	Ludingyuan
Packaging	1kg/250kg/1000kg bag



Specification

ITEM	LF-51L	LF-71G
Mean Degree of Polymerization ≤	1300±100	1700 ± 100
B type viscosity/(mPa·S)	4500±200	3500 ±1500
Number of impurity particles per unit	20	20
Volatile (including water)% ≤	0.40	0.40
Screen rate Mass fraction / %≥	99	99
Paste thickening rate (24hour) %≤	100	100
Whiteness (160 °C for 10 min) / %	76	76
PH value of water extraction liquid≤	9.0	9.0
Mass fraction of alcohol extract / %	4.0	4.0
Fineness of scraper/m	100	100
Residual vinyl chloride mass fraction	10.0	5.0

Paraffin Wax

Product introduction

Paraffin wax (or petroleum wax) is a soft colorless solid derived from petroleum, coal or oil shale that consists of a mixture of hydrocarbon molecules containing between twenty and forty carbon atoms. It is solid at room temperature and begins to melt above approximately 37°C (99 °F), and its boiling point is above 370 °C (698 °F).

Application

- 1) Used in rubber products, tarpaulin, matches, etc.
- 2) Used in the production of synthetic fatty acids and higher alcohols.
- 3) Used to make matches, candles, wax paper, waterproofing agent, ointment, etc.
- 4) Used for crayons, wax paper, telecommunications equipment, light industry and chemical raw materials, wax model crafts, etc.
- 5) Used as a raw material for cosmetics, and also used in capacitors, electronic components, shoe polish, etc.

Product details

Product Name	Paraffin Wax
CAS No.	8002-74-2
MF	CnH ₂ n+2
EINECS No.	232-315-6
Size	56/58+58/60
Appearance	solid/white color slab
Brand Name	Kunlun
Packing	25kg carton box or 50kg bag



Specification

Item	Test Standard				
Fully Refined Paraffin Wax	56/58#	58/60#	60/62#	62/64#	64/66#
Melting Point °C	56-58	58-60	60-62	62-64	64-66
Oil Content % (m/m)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Colour	≥ +28	≥ +28	≥ +25	≥ +25	≥ +25
Light Stability	≤ 4	≤ 4	≤ 5	≤ 5	≤ 5
Needle Penetration(2 5°C)1/10mm	≤ 18	≤ 18	≤ 16	≤ 16	≤ 16
Odor	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2

Caustic Soda

Product introduction

Caustic soda is one of the common names for sodium hydroxide (NaOH), which is also known as lye. Its common name derives from its chemical identity as a sodium hydrate and because it is caustic or corrosive. In pure form, caustic soda is a waxy, white solid. It readily absorbs water and forms aqueous solutions. Commercially available caustic soda or sodium hydroxide is usually sodium hydroxide monohydrate, NaOH·H2O.

Application

- 1) Soap making
- 2) Paper & Textile making
- 3) Sewage treatment including water softening
- 4) Petroleum products refining

Product details

Product Name	Caustic Soda
CAS No.	1310-73
MF	Na-OH
EINECS No.	215-185-5
Appearance	Flake and Granular
Size	99%
Brand Name	Ludingyuan



Specification

ITEM	VALUE		
Composing	96% Soda	98% Soda	99% Soda
NaOH	96% Min.	98% Min.	99% Min.
Na2CO3	1% Max.	0.5% Max.	0.4% Max.
NaCl	2% Max.	0.03% Max.	0.015% Max
Fe2O3	0.01% Max.	0.005% Max.	0.001% Max

SLES 70% (Sodium lauryl ether sulfate)

Product introduction

Sodium Lauryl Ether Sulfate 70% (SLES 70%) is widely used in liquid detergent, such as dishware, shampoo, bubble bath and hand cleaner, etc. It can be used in washing powder and detergent for heavy dirty. It can be used to replace LAS, so that the general dosage of active matter is reduced. In textile, printing and dyeing, oil and leather industries, it is used as lubricant, dyeing agent, cleaner, foaming agent and degreasing agent.

Application

- 1).Detergent Industry :
It is widely used in liquid detergent, such as hair and bath shampoo, dish detergents, bubble bath and hand washing, complex soap etc. SLES can also be used in washing powder and detergent for heavy dirty.
Using SLES to replace LABSA, phosphate can be saved or reduced, and general dosage of actie matter is reduced.
- 2).Textile Industries :
In textile, printing and dyeing, oil and leather industries, it is the lubricant, dyeing agent, cleaner, foaming agent and degreasing agent.

Product details

Product Name	PVC
CAS No.	68585-34-2
MF	RO(CH2CH2O)nSO3Na R=C12-14
EINECS No.	500-223-8
Appearance	White or Light Yellow Paste
Purity	70%
Brand Name	Ludingyuan



Specification

Property	Specified Limit	Result
Appearance	Colorless Pass	Conform
Active Matter, %	70±2	70.44
Unulfated Matter,%	2.0 Max	1.0
Sodium sulfate,%	1.5 Max	0.9
Color, Hazef (5% A.M)	10 Max	5
PH Value (1% A.M)	7.0-9.5	9.2
Dioxane	30 PPM Max	14

HDPE (High Density Polyethylene)

Product introduction

High-density polyethylene or polyethylene high-density is a thermoplastic polymer produced from the monomer ethylene. It is sometimes called "alkathene" or "polythene" when used for HDPE pipes. With a high strength -to-density ratio, HDPE is used in the production of plastic bottles,corrosion -resistant piping, geomembranes and plastic lumber. HDPE is commonly recycled, and has the number "2" as its resin identification code.



Application

- 1) HDPE is used to make oil-resistant sturdy bottles. Clear bottles are usually made from other plastics such as polyethylene terephthalate.
- 2) Various types of containers, industrial accessories, medical supplies, toys, shells, stoppers and shields can be formed by injection molding.
- 3) Various hollow containers, ultra-thin films, etc. can be formed by blow molding.
- 4) Extrusion can be used to form tubing, stretch tape, strapping, monofilament, wire and cable jackets, and more.

Product details

Product Name	HDPE
CAS No.	9002-88-4
MF	(C ₂ H ₄) _n
EINECS No.	618-339-3
Appearance	white granule, translucent and shiny
Size	99%
Brand Name	Ludingyuan
Packaging	25kg/50kg/1000kg bag

Specification

Item	Unit	Typical Vaule
Mass Density	g/cm 3	0.941-0.959
Melt Flow Rate (190 Centidegree /2.16kg)	g/10min	≤1.0
Tensile Yield Strength	MPa	≥19.0
Flexural Modulus	Mpa	≥965
Elongation Break	%	≥400
Impact Embrittlement Temperature	centidegree	MAX -118
Dielectric Constant	100KHZ	2.32
Loss Tangent	1MHZ	2.31
Volume Resistivity	100KHZ	MAX 0.0001

LDPE (Low Density Polyethylene)

Product introduction

Low-density polyethylene (LDPE), also known as high-pressure polyethylene, is a plastic material, it is suitable for various molding processes of thermoplastic molding processing, molding processability is good. The product is non-toxic, tasteless, odorless and milky white particles. Compared with LDPE, it has the advantages of high strength, good toughness, strong rigidity, heat resistance, cold resistance, etc., and also has good resistance to environmental stress cracking, tear strength and other properties, and can resist acid, alkali, organic solvents and so on.

Application

The main use of LDPE is as a film product, but also used in injection molding products, medical equipment, pharmaceuticals and food packaging materials, blow molding hollow molding products and so on.

Product details

Product Name	LDPE
Grade	Native Membrane Injection
Appearance	Transparent Granules
Density	0.918~0.935g/cm ³
Color	Semitransparent
Brand Name	Ludingyuan
Packaging	25kg/bag



Specification Injection Grade

Tests	Value	Unit
Melt Flow Rate (MFR)	15	g/10min
Density	0.922	g/cm3
Tensile Yield Strength	7	Mpa
Elongation at Break	75	%
Wien Softening Point	85	°C
Packing	In 25 kg PP woven bags, 20MT/20'FCL	

Film Grade

Tests	Value	Unit
Melt Flow Rate (MFR)	2	g/10min
Density	0.9225	g/cm ³
Tensile Strength	9	Mpa
Elongation at Break	500	%
Fish Eye Max (0.3-2mm)	30	n/1200cm ³
Stripes	20	cm/20m ³
Packing	In 25 kg PP woven bags, 20MT/20'FCL	

Nickel Plate

Product introduction

Nickel is a silvery white ferromagnetic metal, which is the main component of many magnetic materials.

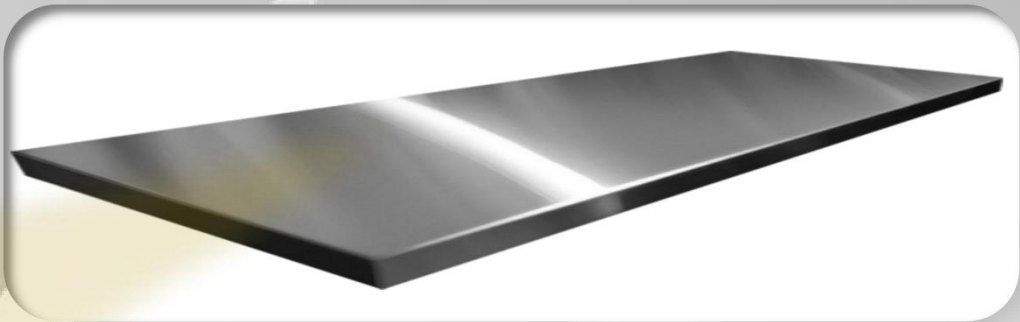
Nickel also has good oxidation resistance and strong corrosion resistance. Nickel is a silvery white ferromagnetic metal.

Application

- 1) 70% Ni was used for produce stainless steel and heat resistance steel.
- 2) 15% of the Ni in the world was used as electroplating.
- 3) Used as catalyst in oil industry.
- 4) Ni is one of the chemical source of energy,the need material for battery.
- 5) Used to make pigment, dye, ceramic, and ferrite.

Product details

Product Name	Nickel Plate
CAS No.	7440-02-0
MF	Ni
EINECS No.	231-111-4
Size	Thickness 0.1~100mm width 10~2500mm length 2meters 3meters 6 meters or as required
Appearance	Grey, Flat Sheet
Brand Name	Ludingyuan
Packing	Standard packing with plastic bags and strapped bundles, and can be customized



Specification

Item	Value
Type	Nickel Strip
Application	Industry
Grade	Nickel
Ni (Min)	99.9%
Resistance (μΩ.m)	NA
Powder Or Not	Not Powder
Ultimate Strength (≥ MPa)	462
Elongation (≥ %)	35%
Model Number	N02200 N02201
Brand Name	ludingyuan
Product name	Nickle Alloy Strip
Shape	Flat
Standard	JIS
Surface	Bright
Color	Metal Color

Titanium Dioxide

Product introduction

Titanium dioxide is an inorganic substance with a chemical formula of TiO_2 . It is a white solid or powdered amphoteric oxide with a molecular weight of 79.9. It has non-toxicity, best opacity, best whiteness and brightness, and is considered the best performance in the world today. Of a white pigment. Titanium white has strong adhesion, is not easy to undergo chemical changes, and is always white. Widely used in coatings, plastics, papermaking, printing inks, chemical fiber, rubber, cosmetics and other industries.our company provides r-960, r-103, r-706, r-746, r-996,r-5566 ,lomon r-996 rutile or anatase titanium dioxide powder.

Application

- 1) Titanium dioxide in plastics can improve the weather resistance, light resistance, light resistance.
- 2) Adding titanium dioxide to the paper can make the paper have better whiteness, good gloss and high strength.
- 3) Coatings made of titanium dioxide have bright colors, high hiding power, strong tinting power, low dosage and many varieties.

Product details

Product Name	LDPE
MF	TiO2
EINECS No.	236-675-5
Appearance	white powder
CAS NO.	13463-67-7
Brand Name	Ludingyuan
Packaging	25kg/bag



Specification

Property	R1930
TiO2 Content %	≥94.0
Rutile Content %	≥98.0
Color (compared with standard sample)	Not lower than
Matter volatile at 105℃ %	≤0.5
Matter soluble in water %	≤0.5
Residue on sieve 45um %	≤0.05
PH of aqueous suspension	6.5-8.0
Brightness %	≥97.2
Oil absorption g/100g	≤19.5
Tinting strength, Reynolds number	≥1900

Calcium Carbide

Product introduction

Calcium carbide, also known as calcium acetylide, is a chemical compound with the chemical formula of CaC_2 . Its main use industrially is in the production of acetylene and calcium cyanamide.

The pure material is colorless, however pieces of technical-grade calcium carbide are grey or brown and consist of about 80–85% of CaC_2 (the rest is CaO (calcium oxide), Ca_3P_2 (calcium phosphide), CaS (calcium sulfide), Ca_3N_2 (calcium nitride), SiC (silicon carbide), etc.). In the presence of trace moisture, technical-grade calcium carbide emits an unpleasant odor reminiscent of garlic.

Product details

Product Name	Calcium Carbide
CAS No.	75-20-7
MF	CaC_2
EINECS No.	200-848-3
Size	25-120mm
Appearance	Grey, black solid
Brand Name	Ludingyuan
Packing	50kg/100kg iron drum, 295 gas/L



Application

- 1)Used to produce acetylene gas, polyvinyl chloride, etc.
- 2)Used in the electronics industry
- 3)Used as teaching reagent

Specification

Item	Test Standard	Test Result
$\text{H}_2\text{S}\%$ (V/V)	≤ 0.1	0.008
$\text{PH}_3\%$ (V/V)	≤ 0.06	0.05
Gas yield (L/kg)	≥ 295	297
Size (mm)	50-80	50-80

Manganese Metal

Product introduction

The manganese metal is smelted using a tilting type electric furnace. After the furnace is put out, add some lime to the bottom of the furnace. A small amount of high-silicon-manganese-silicon alloy is added to the lime. After the arc is introduced, the mixture of manganese-rich slag and lime is added. The melting process gradually adds manganese-silicon alloys to help melt and reduce slag basicity. After melting, all the Mn-Si alloys are added, and the silicon content is adjusted and qualified.

Application

- 1) Production of special steel (stainless steel, high-manganese steel, etc.)
- 2) Non-ferrous alloy (Cu, Al, etc.), and high purity $\text{MnCO}_3/\text{Mn}_3\text{CO}_4$
- 3) Electric welding rod, etc.

Product details

Product Name	Manganese Metal
CAS No.	7439-96-5
MF	Mn
EINECS No.	231-105-1
Appearance	Gray-white, hard and crisp, shiny
Size	96.5min 10-70mm
Brand Name	Ludingyuan
Packaging	1000kg bag

Specification



Chemical Composition(%)								
Grades	Mn	C	Si	Fe	P	S	Ni	Ca
	≥ (min)	≤ (max)						
PH-97	97	0.08	0.4	2.0	0.04	0.04	0.02	0.03
PH-96	96	0.1	0.5	2.3	0.05	0.05	0.02	0.03
PH-95-A	95	0.15	0.8	2.8	0.06	0.05	0.02	0.03
PH-95-B	95	0.15	0.8	3.0	0.06	0.05	0.02	0.03
PH-93-A	93	0.2	1.8	2.8	0.06	0.05	0.02	0.03
PH-93-B	93	0.2	1.8	4.0	0.06	0.05	0.02	0.03

Ferrosilicon

Product introduction

Ferro Silicon is a kind of ferroalloy which is composed of ferrum and silicon. Ferro Silicon uses coke, quartz (or silica) as raw materils and is made by electric furnace. Because silicon and oxygen are easily compound into SiO2, the ferrosilicon is often used as deoxidizer in steelmaking.

Application

- 1) Ferrosilicon is often used as deoxidizer in steel- making.
- 2) Ferrosilicon also can be used as alloy elements join agent, which is widely used in low alloy steel, non-ferrous metal, bearing steel, heat-resistant steels and electrician silicon-steel.
- 3) It can be used as a reductant in ferroalloy production and chemical industry.
- 4) In iron industry it can be used as inoculant and no dulizer.

Product details

Product Name	Ferrosilicon
CAS No.	12022-95-6
MF	FeSi
Size	0-1mm, 1-3mm, 3-10mm, 10-50mm, 50-100mm or customized
Appearance	Silver gray block
Brand name	Ludingyuan
Packing	1000kg/bag 25kg/drum



Specification

Grade	Chemical Composition(%)						
	Si	Al	Ca	P	S	C	Fe
	≤ (max)						
FeSi75-A	74-80	1.5	1	0.035	0.02	0.2	Balance
FeSi75-B	72-80	1.5	1	0.04	0.02	0.2	Balance
FeSi72	72	1.5	1	0.04	0.02	0.2	Balance
FeSi70	70	1.5	1	0.04	0.02	0.2	Balance
FeSi65	65-72	2	1	0.04	0.02	0.2	Balance

Ferromanganese

Product introduction

Ferromanganese is an alloy of manganese and iron, which also contains a small amount of other elements such as carbon, silicon and phosphorus. The main brand of ferromanganese is divided according to the carbon content of the alloy. According to its carbon content, it is high-carbon ferromanganese, medium carbon ferromanganese, low-carbon ferromanganese and micro carbon ferromanganese. Ferromanganese alloy containing sufficient silicon is called silicon manganese alloy.

Application

Ferromanganese takes manganese ore as raw material. It is melted in a blast furnace or electric furnace. Ferromanganese is also a common deoxidizer in steel. Ferromanganese also plays a role in desulfurization and reducing the harmful effects of sulfur. Therefore, almost all kinds of steel and cast iron contain a certain amount of manganese. Ferromanganese is also used as an important alloying agent. It is widely used in structural steel, tool steel, stainless heat-resistant steel, wear-resistant steel and other alloy steel



Product details

Product Name	Ferromanganese
CAS No.	12604-53-4
MF	FeMn
EINES No.	924-609-4
Size	Particle size 10-70mm
Appearance	Silver gray solid
Brand name	Lu Dingyuan
Packing	1000kg bag

Ferro- manganese

Specification

- ① According to different smelting methods, it is divided into electric furnace ferromanganese and blast furnace ferromanganese
- ② According to different carbon content, it is divided into:

Micro carbon ferromanganese:
carbon is not greater than 0.15%;

Low carbon ferromanganese:
carbon greater than 0.15% to 0.7%;
Medium carbon ferromanganese:

carbon greater than 0.7% to 2.0%;
High carbon ferromanganese:
carbon greater than 2.0% to 8.0%;

- ③ Ferromanganese alloy containing enough silicon is called silicon manganese alloy

Category	Grade	Chemical Composition %						
		Mn	C	Si		P		S
				I	II	I	II	
				≤ (max)				
Low carbon ferromanganese	FeMn88 c0.2	85.0~95.0	0.2	1.0	2.0	0.10	0.30	0.02
	FeMn84 c0.4	80.0~87.0	0.4	1.0	2.0	0.15	0.30	0.02
	FeMn84 c0.7	80.0~87.0	0.7	1.0	2.0	0.20	0.30	0.02
Medium carbon ferromanganese	FeMn82 c1.0	78.0~85.0	1.0	1.5	2.5	0.20	0.35	0.03
	FeMn82 c1.5	75.0~82.0	1.5	1.5	2.5	0.20	0.35	0.03
	FeMn78 c2.0	75.0~82.0	2.0	1.5	2.5	0.20	0.40	0.03
High carbon ferromanganese	FeMn78 c8.0	75.0~82.0	8.0	1.5	2.5	0.20	0.33	0.03
	FeMn74 c7.5	70.0~77.0	7.5	2.0	3.0	0.25	0.38	0.03
	FeMn68 c7.0	65.0~72.0	7.0	2.5	4.5	0.25	0.40	0.03

Electrolytic Copper

Product introduction

Coarse copper (containing 99% copper) is made into thick plate as anode, pure copper is made into thin plate as cathode, and the mixture of sulfuric acid and copper sulfate is used as electrolyte. After electrifying, copper dissolves into copper ions (Cu) from the anode and moves to the cathode. After reaching the cathode, it acquires electrons and precipitates pure copper (also called electrolytic copper) at the cathode.

Application

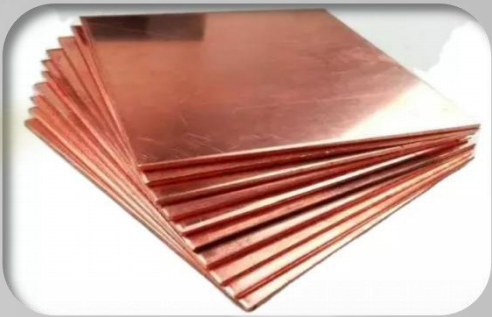
- 1) Used for winding of various cables and wires, motors and transformers, switches and printed circuit boards, etc.
- 2) Used for manufacturing industrial valves and fittings, instruments, sliding bearings, molds, heat exchangers and pumps, etc.
- 3) Used for manufacturing vacuum device, distillation pot, brewing pot, etc.

Product details

Product Name	Electrolytic Copper
CAS No.	7440-50-8
MF	Cu
EINECS No.	231-159-6
Appearance	Rose-red metal
Cu (Min)	99.99%
Brand name	Ludingyuan

Specification

Category	Copper Content
No.0 electrolytic copper	≥99.99%
No.1 electrolytic copper	99.95%
No.2 electrolytic copper	92-93%
Standard	ASTM, ROSH, AISI, DIN, EN, GB, JIS
Width	Customized
Length	Customized
Thickness	1.05-over 1.0mm
Surface	2B,BA,NO.3,NO.4,HL,NO.1,Mirror
Hardness	1/4H, 1/2H, 3/4H, H, O
Material	C10100-C19200



Xanthan Gum

Product introduction

Xanthan gum is a kind of microbial extracellular polysaccharide with wide functions produced by Xanthomnas campestris with carbohydrate as the main raw material (such as corn starch) through fermentation engineering.

Application

- 1) Used as stabilizer, emulsifier, suspending agent, thickener and processing assistant.
- 2) Used in drilling in special environments such as ocean and high salt zone, and can also be used as oil displacement agent to reduce dead oil zone and improve oil recovery rate
- 3) Used as a component of toothpaste to reduce tooth surface wear.
- 4) Used in most high-grade cosmetics, it has the effects of resisting oxidation and preventing skin aging.

Product details

Product Name	Xanthan Gum
CAS No.	11138-66-26
MF	(C ₃₅ H ₄₉ O ₂₉)n
EINECS No.	234-394-2
Size	Food grade /industrial grade
Appearance	White or light yellow powder
Brand Name	Ludingyuan
Packaging	25kg bag



Specification

Item	Standard
Physical Property	White or light yellow free
Viscosity (1% KCl, cps)	≥1200
Particle Size (mesh)	Min 95% pass 80 mesh
Shearing Ratio	≥6.5
Loss on Drying (%)	≤15
PH (1%, KCL)	6.0- 8.0
Ashes (%)	≤16
Pyruvic Acid (%)	≥1.5
V1:V2	1.02-1.45
Total Nitrogen (%)	≤1.5
Total Heavy Metals	≤10 ppm
Arsenic (As)	≤3 ppm
Lead (Pb)	≤2 ppm
Total Plate Count (cfu/g)	≤ 2000
Moulds/Yeasts (cfu/g)	≤100
Salmonella	Negative
Coliform	≤30 MPN/100g

Zinc Ingot

Product introduction

Zinc is an elemental metal. It is listed on the Periodic Table as “Zn,” with an atomic number of 30 and an atomic weight of 65.37, and it melts at 788° F (420° C). Zinc is usually a gray metallic color, but it can be polished to a shiny silver luster.

Application

- 1) galvanizing
- 2) oxides
- 3) die castings
- 4) alloys

Product details

Product Name	Zinc Ingot
CAS No.	7440-66-6
MF	Zn
EINECS No.	7440-848-3
Size	80*70*70cm
Appearance	Silver white metal
Brand Name	Ludingyuan
Packing	800kg/bundle



Specification

Grade	Chemical Composition (%)					
	Zn ≥	Impurity content ≤				
		Pb	Cd	Fe	Cu	Sn
Zn99.995	99.995	0.003	0.002	0.001	0.001	0.001
Zn99.99	99.99	0.005	0.003	0.003	0.002	0.001
Zn99.95	99.95	0.02	0.02	0.01	0.002	0.001
Zn99.5	99.5	0.3	0.07	0.04	0.002	0.002
Zn98.7	98.7	1	0.2	0.05	0.005	0.002

Urea

Product introduction

Urea is a high concentration of nitrogen fertilizer, is a neutral organic fertilizer.

Application

- 1) Used in the production of a variety of compound fertilizer.
- 2) Used to produce produce AdBlue/DEF, which is a kind of liquid for reducing nitrogen oxide pollution in diesel vehicle emission.
- 3) Used in the production of melamine, urea-formaldehyde resin, hydrazine hydrate, tetracycline, phthalein, monosodium glutamate, etc.
- 4) For steel, stainless steel chemical polishing has a whitening effect, used as a corrosion inhibitor in the metal pickling, also used in the preparation of the palladium activation fluid.



Product details

Product Name	Urea for Vehicle
CAS No.	57-13-6
MF	H ₂ NCONH ₂
EINECS No.	200-315-5
Appearance	colorless, liquid
Brand Name	Ludingyuan
Packaging	10kg/20kg drum

Product Name	Urea Granular
CAS No.	57-13-6
MF	H ₂ NCONH ₂
Color	White
Purity%	Min 99.5%
Density	1.335
Melting point	132.7°C
Synonym	Carbamide
Packaging	25kg/50kg/1000kg Bag

Specification

Item	Value
Total Nitrogen (In dry basis) ≥	46.0
Biuret %≤	0.9
Water (H ₂ O) % ≤	0.5
Methylene diurea (in HCHO basis) % ≤	0.6
Particle size	d0.85mm-2.80mm ≥d1.18mm-3.35mm ≥d2.00mm-4.75mm ≥d4.00mm-8.00mm ≥

The product implementation standard is GB/T2440-2017

Milestones

Founded in **2012**, LDY Group has established its branch offices all over Inner Mongolia.

Highly focus and involved in:

- ★ **Chemical Field**
- ★ **Agricultural Field**
- ★ **Metal Field**

Up to now, LDY Group has served clients from more than **150 countries** worldwide.

Factory ownership combined with exporting services makes us **a pioneer** possessing multiple advantages in the industry.

On **December 20, 2021**, LDY delared it's first export order to Turkey with a total value of about **450,000 US dollars** of Ordos city under the customs supervision code "9710".



Ethan Lee

Sales

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