

*Welcome to read this brief brochure to
know who we are and what we are doing*

Over 34 years experience in the fields of foundry, metallurgy & refractory

洛阳英迈特新材料有限公司
Luoyang Neomatek Co., Ltd

Neomatek

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As a sister company of Luoyang Siamatec Co., Ltd (short form: LSC), Luoyang Neomatek Co., Ltd (short form: LNC) is located in Luoyang City, which is known as the millennium imperial capital and peony flower city. LNC & LSC share the same management team. Mr. Fan Li Wei, the founder of the two companies, has been engaged in the international trade of minerals and chemicals since 1989. Mr. Fan led his team to initially focus on the local resource advantages, and then took a broad view on the national high-quality supply. Mr. Fan has more than 30 years of industry experience in positioning casting, metallurgy and refractory as the company's main products. Mr. Fan established "Luoyang Sincere Trading Co., Ltd" in 1999 and renamed to "Luoyang Siamatec Co., Ltd" in 2019.

Henan is a big resource province with rich minerals and many R & D centers for raw and synthetic materials, which has created a large number of industrial raw material production entities here. Henan has been one of the largest production bases and distribution centers of foundry materials, metallurgical accessories and refractory materials in China. Our foundry and metallurgical products strive to be newer, more professional and more cost-effective. Our refractory products cover aggregates and powders of various main raw materials, as well as binders and admixtures, which can provide customers with one-stop solutions. Our main products have more than 20 years of business experience by maintaining long-term strategic partnership with source manufacturers and foreign customers. We are familiar with how to control the stability of product quality and how to provide cost-effective products and services to our worldwide customers.

Luoyang is one of the birthplaces of Chinese civilization, the eastern starting point of the Silk Road and the center of the Grand Canal in Sui and Tang Dynasties. Thirteen dynasties have established their capitals here. Luoyang is not only a famous historical and cultural city, but also a scientific and technological industrial city. There are many natural and cultural landscapes here, as well as many scenic spots above 4A and 5A. These unique tourism resources have created convenient conditions of business in tourism for our customers from home and abroad. LNC people are always ready to meet friends from home and abroad in the same industry, seeking for mutual development and talking about the future.

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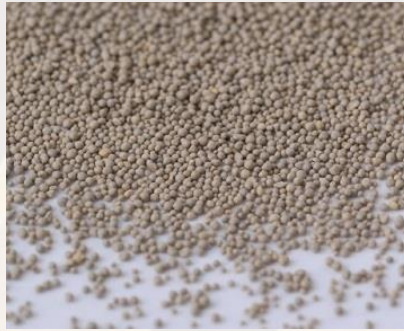
Product & Service Gallery

Casting Materials + Metallurgical Materials



Fused Ceramic Sand

A kind of artificial molding sand in spherical type with the widest applications, most cost effective and strong vitality in the foundry industry



Sintered Ceramic Sand

A kind of sintered spherical molding material that can be compared with electric fused ceramic sand in foundry industry



Slag Remover

Silicate minerals, specially processed and proportioned, are used for slag removal and heat preservation of molten iron and steel in the casting process



Olivine Sand

Magnesium and iron silicates are mainly used to make steel mouth filler, casting molding materials and other fire-resistant directions



Sand Blasting

There are many kinds of sand blasting materials. We mainly deal in 3 kinds, brown corundum, white corundum and fused ceramic sand



Mullite Sand

Casting molding materials with rich resources, high fire resistance and low expansion coefficient

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Casting Materials + Metallurgical Materials



Carbonized Rice Husk Ash

The organic covering agent of ladle and tundish with super vitality and minimum bulk density has good thermal insulation effect and the highest cost performance



Carbon Additive

The calcined anthracite with the lowest sulfur content and the casting metallurgical carbonaceous material with the highest cost performance



Fused Synthetic Slag

Premelted calcium aluminate is the most effective synthetic desulfurization and slag making material for ladle refining, and the formula can meet various users



Sintered Synthetic Slag

Environmental friendly ordinary steel desulfurization slagging material with high cost performance, with complete formula, which can meet various users



Low TiO2 Synthetic Slag

Fused type, applied for desulfurization of high-grade titanium acid refining and low calcium smelting of special silicon steel



Fused Calcium Silicate

Desulphurization, deoxidation and adsorption of impurities have obvious effect in silicon steel smelting, and can also be used as base material of casting powder

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Product & Service Gallery

Casting Materials + Metallurgical Materials



Calcium Ferrite

A kind of rare high efficiency dephosphorizers includes sintered and fused types which are all used for iron smelting dephosphorization



Ladle Slag Conditioner

Comprehensive application of calcium aluminate slag forming agent, flexible formula, ball pressing, adjusting slag alkalinity and stabilizing refining process



Tundish Covering Agent

Synthetic granular inorganic covering thermal insulation material is environmentally friendly and convenient, with complete formula to meet various customers



Exothermic Agent for Riser

Precipitate the gas and slag inclusion in the casting, reduce the scrap rate, reduce the use of riser insulation sleeve and save the cost



Ladle Filler Sand

It has high fire resistance, good fluidity and high pouring rate. It is suitable for filling the nozzle of large and small ladle



Al Particles/Shot/Block/Cake

For metallurgical deoxidation, chemical composition, shape and size can be customized according to customer requirements

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Product & Service Gallery

Casting Materials + Metallurgical Materials



Foaming Slag Inhibitor

To inhibit the splashing of molten steel, prevent the adhesion of oxygen lance, reduce the surface tension of molten steel and reduce the metal loss of Splashed Slag



Casting Powder

Prevent secondary oxidation of molten steel, heat insulation, slag absorption and slag melting, lubricate continuous casting mold and embryo shell, and improve heat transfer



Water Glass

Colorless, odorless, non-toxic and pollution-free clean molding sand sodium silicate binder



Nail Crumbs

Charge additive for steel mills, protective ingot head for continuous casting mold, and shot blasting



Magnesium Ferrosilicon

Spheroidizing agent for nodular cast iron, which changes graphite flake into ball, improves the strength of cast iron, and also degasses, desulfurizes and deoxidizes



Zirconium Ferrosilicon

Deoxidizer and additive for alloy steel; It can promote the graphitization of cast iron and shorten the annealing time of ductile cast iron

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Product & Service Gallery

Refractory Materials



Brown Fused Alumina

Melted by tilt furnace and crushed by Bamarc crusher. All sizes are available



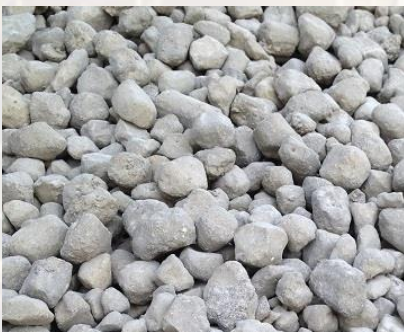
White Fused Alumina

Melted by tilt furnace and crushed by Bamarc crusher. All sizes are available



Tabular Alumina

Outstanding fire resistance, corrosion resistance, erosion resistance, heat shock resistance, high strength, good toughness and stable compositions



Cordierite

Small coefficient of thermal expansion and strong resistance to quench and heat. Fire resistant grade and ceramic grade are available



Sintered Mullite

There are two kinds of all natural bauxite concentrate sintering and alumina powder sintering, 3 grades of M45, M60 and M70 available



Fused Mullite

Perfect crystal development, large grain size, good thermal stability, high soft charge, low creep, corrosion resistance, ordinary and high purity

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Product & Service Gallery

Refractory Materials



Sintered Spinel

Corrosion resistance, corrosion resistance, wear resistance, cutting resistance, slag resistance, good thermal shock, calcination in bauxite grade and alumina grade rotary kiln



Fused Spinel

Large density, low water absorption, low expansion, good thermal stability, erosion resistance, AM60, 70, 80, 90 available



Homogenized Bauxite

The main crystal phase of corundum is well developed and the microstructure is uniform. Good wear resistance, high density and good corrosion resistance



Calcined Kaolin

Mullite phase is formed after calcination. The structural pores are continuously closed, dense and hard. It is an excellent raw material of aluminum silicon refractory



Bubble Alumina

The maximum service temperature is 1800°C, and the product has high mechanical strength, which is several times that of general light products



Andalusite

Andalusite refractory brick can reduce fuel consumption, increase stability and save more than 40% of the consumption of general refractory materials

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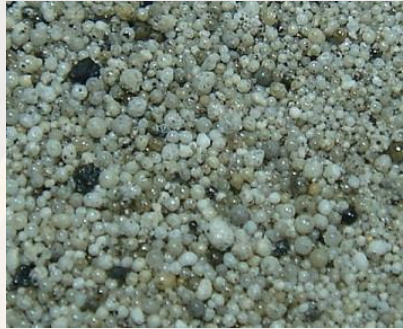
Product & Service Gallery

Refractory Materials



Kyanite

Amorphous materials, electric furnace top bricks, phosphate unburned bricks, mullite bricks and low creep bricks are the main raw materials



Cenosphere

It is used for making light sintered refractory brick, light unburned refractory brick, light castable and casting insulation riser



Expanded Vermiculite

Xinjiang origin Vermiculite is silvery white after roasting and expansion, which is different from Hebei, Shaanxi and Inner Mongolia



Clay Porous Aggregate

Clay porous clinker is mainly used to prepare refractory castable and refractory spray coating



High Alumina Cement

Bauxite grade CA50 series 525 and 725, and alumina powder pure calcium aluminate grades A70, 80 & 90



High Temperature Pitch

Iron ditch material, ramming material, furnace mending material, gun mud, and binder of magnesia carbon brick, bonding, carburization and erosion resistance

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Refractory Materials



Sodium Silicate Powder

Binder of amorphous refractory materials such as kiln gunning material, castable and acid resistant mastic, with mol ratios of 2.5 and 3.25



Fume Silica

Improve the compactness of refractory castable. When it coexists with Al_2O_3 , it is easier to form mullite phase and enhance thermal shock resistance



Hot-Resistant Steel Fiber

For the reinforcement of castable, there are two processes: melt extraction method and shear method, and the models are SUS430, 446, 304, 310 and 330



Metallic Silicon Powder

Additives for refractory materials used in various kilns and kiln furniture can effectively improve the high temperature resistance, wear resistance and oxidation resistance of refractory materials



Calcium Lignosulphonate

It is used as dispersant and adhesive to improve operation performance, and has the effects of reducing water, strengthening and preventing cracking



Chromium Oxide Green

Adding it to corundum or corundum spinel refractory can obviously improve its high temperature performance, slag resistance and corrosion resistance

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Contact Us

Dear visitor, you are welcome to contact us by the following manners:

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For instant chatting, you are kindly recommended to use "WeChat" as 1st choice

Thank you for your attention to this brief E-brochure. For more details, please visit our official website at:

<http://www.neomatek.com>

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