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宁新新材 839719

江西宁和达新材料有限公司

Jiangxi Ningheda New Material Co., Ltd.

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公司简介

COMPANY PROFILE



江西宁和达新材料有限公司成立于2017年，公司位于江西省宜春市奉新县高新技术产业园天工南大道966号，系江西宁新新材料股份有限公司（以下简称宁新新材）控股子公司。

江西宁新新材料股份有限公司成立于2007年，是一家专业从事特种石墨研发、生产和销售为一体的企业，公司拥有全套的特种石墨生产设备，工艺技术达到国内先进水平，市场占有率处于特种石墨行业的领先地位。2016年11月8日，宁新新材成功挂牌新三板（股票简称：宁新新材 股票代码：839719）。2020年被评选为国家级专精特新小巨人企业。2023年5月，在北京证券交易所成功上市。

江西宁和达新材料有限公司主要从事石墨制品机加工，石墨产品配套服务。专门为锂电行业、机械行业、电子半导体及太阳能光伏产业等提供石墨材料、石墨电极和相关的石墨制品，并为这些行业及产品提供相应的应用技术服务及技术更新方案。

江西宁和达新材料有限公司生产技术精湛，服务意识好，市场占有率高，依托母公司宁新新材原料优势，资金优势，管理优势快速发展，致力于特种石墨产业链延伸，为未来打造石墨全产业战略贡献力量。

Established in 2017, located in No. 966 of Tiangong South Avenue, High-tech Industrial Park, Fengxin County, Yichun City, Jiangxi Province, China, Jiangxi Ningheda New Material Co., Ltd. is the subsidiary company of Jiangxi Ningxin New Material Co., Ltd.

Jiangxi Ningxin New Materials Co., Ltd. was established in 2007. It is an enterprise specializing in the research and development, production and sales of special graphite. With a full set of special graphite production equipment, the process technology has reached advanced level in domestic market, and the market share in the special graphite industry is far ahead. On November 8, 2016, Ningxin New Materials was successfully listed on the New Third Board (stock abbreviation: Ningxin New Materials, stock code: 839719). In 2020, it was selected as a national-level specialized and new little giant enterprise. In May 2023, Ningxin was successfully listed on the Beijing Stock Exchange.

Jiangxi Ningheda New Material Co., Ltd. is mainly engaged in graphite product processing, graphite product matching service, providing graphite materials, graphite electrode and graphite products for the lithium industry, machinery industry, semiconductor and solar photovoltaic industry, together with the corresponding products technical service and technical application of update program.

With excellent production technology, good customer service, high market share, and relying on the advantage of new material, capital and management of parent company (Jiangxi Ningxin New Material Co., Ltd.), Jiangxi Ningheda New Material Co., Ltd. develops quickly. We devote to the extension of the special graphite industry chain, and make contributions for building the future whole graphite industry strategy.

主营业务

Applications



石墨材料 / 细颗粒石墨 Fine Grain Graphite

采用冷模压生产的细颗粒石墨广泛用于机械、电子、半导体、多晶硅、单晶硅、冶金、化工、纺织、电炉、空间技术以及生物化工等行业，该石墨具备以下特性：

❶ 良好的导电性和较高的导热性
❷ 低热膨胀性使用具有较高的抗热冲击力。
❸ 高温下强度增大，可耐高温3000度以上
❹ 具有化学稳定性，不易反应
❺ 自润滑性
❻ 易于加工





The fine grain graphite produced by cold molding are widely used in machinery, electronics, semiconductors, polycrystalline silicon, monocrystalline silicon, metallurgy, chemical, textile, electric furnaces, space technology and biological and chemical industries. The graphite has the following characteristics:

❶ Good electric conductivity and high thermal conductivity
❷ Low thermal expansion and high resistance to thermal shock.
❸ The strength increases at high temperature, and it can withstand over 3000 degrees.
❹ Stable chemical property and hard to react
❺ Self lubrication
❻ Easy to process

技术指标 Technical Characteristic

牌 号 Grade	NX603	NX604	NX605	NX613	NX614
颗粒度 Grain Size (≤μm)	25	25	25	15	15
体积密度 Bulk Density (≥g/cm3)	1.78	1.85	1.90	1.78	1.85
抗压强度 Compressive (≥MPa)	70	80	90	80	90
抗折强度 Flexural Strength (≥MPa)	35	38	42	39	43
气孔率 Porosity (≤%)	17	14	11	12	11
电阻率 Specific Resistance (≤μΩm)	12	11	10	13	11
灰分 Ash Content (≤ppm)	600	500	300	500	300
肖式硬度 Shore Hardness	50	55	60	55	60

1、灰分含量可根据要求提纯至30ppm；
2、以上指标数据为标准值，不是保证值。

1、The ash content can be purified to 30ppm according to the requirement.
2、The above index data is the standard value, not the guaranteed value.

Medium Grain Vibration Graphite 振动成型中粗石墨 / 石墨材料

振动成型中粗石墨基于为石墨圆柱和石墨方块，其主要用途如下：
There are graphite block and graphite rod of medium grain vibration graphite, its main uses are as follows:



❶ 用于加工石墨坩埚、石墨舟皿、石墨模具、石墨转子、石墨发热体、石墨流槽、石墨冷铁等；
❷ 用于高温炉体做结构材料；
❸ 用于强酸、强碱、强腐蚀性环境中，如稀土冶炼、化工行业等，根据需要加工成各种部件；
❹ 用于加工石墨电极。

❶ For processing graphite crucible, graphite boat, graphite mold, graphite rotor, graphite heating element, graphite flow trough, graphite cold iron, etc.;
❷ used for high temperature furnace body to make structural materials;
❸ used in strong acid, alkali, strong corrosive environment, such as rare earth smelting, chemical industry, etc., processed into various parts according to needs;
❹ For processing graphite electrodes.

技术指标 Technical Characteristic

指 标 Index / 牌 号 Grade	NX-21	NX-22	NX-81	NX-82
颗粒度 Grain Size（mm）	2.0	2.0	0.8	0.8
体积密度 Bulk Density（≥g/cm3）	1.6	1.7	1.62	1.72
抗压强度 Compressive Strength（≥MPa）	19	30	23	35
抗折强度 Flexural Strength（≥MPa）	7.8	13	9	15
电阻率 Specific Resistance（≤μΩm）	9	8.5	9	8.5
灰分 Ash Content（%）	0.3	0.3	0.3	0.3
热导率 Thermal expansion coefficient（×10-6℃）	2.0	2.2	2.0	2.2

石墨匣钵 Graphite sagger



石墨匣钵是一种由人造石墨加工而成的容器，因石墨材料的耐酸耐碱耐高温的特性， 石墨匣钵广泛用于材料需要加热或烧制的各种行业，包括锂电池、钒氮合金、陶瓷、冶金、玻璃、化工、半导体等行业。

我司可根据客户的设计和使用行业的要求，定制相应的石墨匣钵，包括但不限于形状、尺寸、隔板等。

Graphite sagger is a container made of artificial graphite. Due to the acid and alkali resistance and high temperature resistance of graphite materials, graphite sagger is widely used in various industries where materials need to be heated or fired, including lithium batteries, vanadium nitrogen alloys , ceramics, metallurgy, glass, chemical industry, semiconductor and other industries.

We can customize the corresponding graphite sagger according to the customer's design and the requirements of the industry, including but not limited to shape, size, partition, etc.



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