2.导电浆料。用纳米银粉替代贵金属粉末制备性能优越的电子浆料。此技术可促进微电子工艺的进一步优化。

Conducting electricity the syrup anticipates: The electronics syrup anticipate the extensive applying in the micro-electronics cloth in the industry line, seal to pack, conjunction etc., to micro-electronics machine piece of small scaled turns to rise to emphasize to want the function.Use the nickel, copper, aluminum, silver nanoparticle flour system of the electronics syrup anticipates the function superior, benefit to the circuit further very small turn.

3.催化剂。大大提高化学反应速度和效率等，例如乙烯氧化、醇氧化制醛等。

Efficacious catallyzer: Greatly enhance the chemical reaction speed and efficiency, such as Ethylene oxidation .

4.生物药学：特细纳米银粉用于细胞染色和基因诊断。

Biological pharmacy: he e ilver anopowder an be used in thecell dyeing and the gene diagnosis

化学成分Chemical composition：

| 牌 号 Grade | 化学成分/ w% Chemical composition | | |
|---|---|---|---|
| | O | 杂 质Impurities | Ag |
| FAgN-20 | <3 | <0.4 | 余量margin |
| FAgN-50 | <2 | <0.45 | 余量margin |
| FAgN-80 | <2 | <0.5 | 余量margin |

注：牌号中的杂质包括B, Al, Si, Cr, Mn, Fe, Co, Cu, Mo, W, P, C, S等元素，需方有要求时，供方可供

The impurities includes elements such as B,Al,Si,Cr,Mn,Fe,Co,Cu,Mo,W,P,C,S. We offer at your requirement.

物理性能Physical properties :

| 牌 号 Grade | 中位径范围/nm Particle size | 比表面积/(m2/g) Specific surface area | 松装密度/(g/cm3) Bulk density |
|---|---|---|---|
| FAgN-20 | <30 | >20 | 0.04~5 |
| FAgN-50 | ≥30~60 | >15 | 0.05~0.7 |
| FAgN-80 | ≥60~100 | >8 | 0.06~0.8 |

**纳米铜镍复合粉**（Nanometer Copper and nikel Composite Particle）

1、应用范围：

金属纳米润滑添加剂：添加0.1~0.3%至润滑油、润滑脂中，在摩檫过程中使摩檫副表面形成自润滑、自修复膜，显著降低摩檫副的抗磨减摩性能。与单金属纳米润滑添加剂相比，粉体加入量减少3~5倍，修复时间短，摩檫系数小且长久稳定。 块体金属纳米复合材料用原料：采用惰性气体保护粉末冶金烧结制备大块铜镍金属纳米复合材料。

The scope of application: metal nano-lubrication additives: add 0.1 to 0.3 percent from oil, grease, in the process of Moldova Moldova Sassafras Sassafras Vice self-lubricating surface, he studied Film, a significant reduction in the Mount Sassafras, deputy anti-wear friction-reducing properties. And a single metal nano-lubrication additives, to reduce the amount of powder by adding three to five times, to repair a short time, Mount Sassafras coefficient of small and long-term stability. block of metal nanocomposite materials used: inert gas protection of the powder sintering Preparation large copper-nickel metal nanocomposites.



2、产品特征：

高纯净度、粒径均匀、球形状、分散性好、烧结收缩性小、松装密度0.8g/cm3、深蓝黑色粉末。包装：内衬防静电塑料袋封装，100～1000g分袋。

the product features: high purity, uniform size and shape of the ball, good dispersion, the sintering shrinkage of small, density 0.8g/cm3, dark blue black powder. packaging: a plastic bag lined anti-static packaging, 100 ~ 1000g sub-bag.

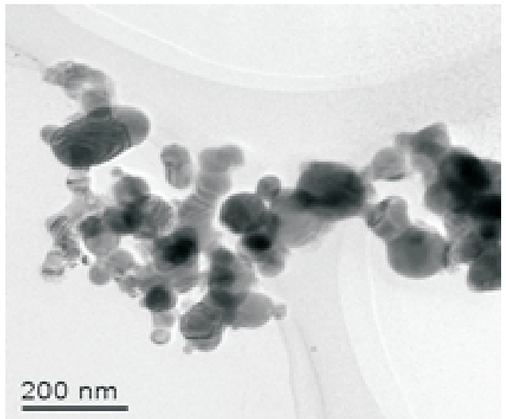
3、产品规格：

可制备粒径与成分可控的各种高均匀混合型单质纳米铜镍复合粉。

product specifications:Size and composition of a variety of high-quality single-uniform hybrid nano-copper-nickel composite powder can be controlled

4、相关分析数据

（1）电镜图 Electron micrographs




（2）粒度分布图Particle size distribution