

# 进口纳米硅溶胶 GT-30

产品名称	进口纳米硅溶胶 GT-30
公司名称	广州固铁新材料有限公司
价格	35.00/千克
规格参数	
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## 产品详情

### GT-30纳米硅溶胶

本产品是一种碱性纳米二氧化硅分散胶体，外观无色透明或微带乳白色，略比水粘稠，固含量30%。二氧化硅以无定型球体形式存在，粒径为10nm，二氧化硅粒子表面带有少量负电荷，具有很大比表面积。

#### 1) 产品参数

固含量, wt%      30.0

密度, g/ml        1.21

粒径, nm          10

pH                 9.8

粘度, cp          10.0

#### 2) 特点和用途

1. 高档陶瓷涂料用；
2. 精密铸造结合剂；

3. 可用作防滑，防结块处理添加剂，耐火纤维中的高温粘结剂；

4. 电镀行业用作镀锌封闭剂产品中的耐盐雾添加剂，具有优越的盐雾侵蚀测试表现，同时可提高膜层硬度和耐磨性及附着力。

### 3) 包装和储存

本产品有25、250公斤/桶包装，在5-35 条件下保质期为1年。

GT-30 is an alkaline, aqueous dispersion of colloidal silica that is approximately 30% solids by weight. The silica dispersion is sodium stabilized and the amorphous silica particles carry a negative surface charge. The SiO<sub>2</sub> particles are discrete, have a slightly rough, spherical shape, and are present in a narrow particle size distribution. The physical appearance of the dispersion is a translucent liquid, slightly more viscous than water. GT-30 is produced for world-wide distribution.

### Typical Properties

Silica, wt%: 30

pH: 9.8

Viscosity, cP: 10

Particle Size, nm: 10

Density, g/cm<sup>3</sup>: 1.21

Na<sub>2</sub>O, wt%: 0.55

## Range of Applications

GT-30 is a versatile product that has many different application and functions.

## Storage, Handling, & Transport

GT-30 should be transported and stored at a temperature of 5-35 (40-95oF). If the silica dispersion is allowed to freeze, the silica will irreversibly precipitate. For bulk storage, the tank should be sealed and constructed of plastic, fiberglass reinforced plastic, or stainless steel. For packaged goods, any translucent packages should be stored out of direct sunlight or bright light. Under recommended conditions, GT-30 has a shelf life of at least twelve months after production.

GT-30 is available in bulk and packaged quantities. Bulk shipping and packaging sizes can vary by region.

Before handling this material, review the corresponding Material Safety Data Sheet.

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