

# SPECIFICATION

**Product name:** Powder silica (SiO<sub>2</sub>)



**Properties:** with stable physical and chemical properties, non-toxic, high adsorption, low specific gravity, easy to flow and high specific surface area and other excellent properties, so widely used.

**Appearance:** white powder.

**Purpose:**

1. This product is a good carrier of various veterinary drugs, feed flavoring agents, allicin, mildew prevention agents, acid flavor agents, antioxidants, etc., with a very good dispersion, fluidity and adsorption.

2. The product is a very good rubber tonic agent, it can greatly improve the tensile strength of the vulcanized rubber and wear resistance, reduce the amount of rubber, reduce the cost, with strong affinity, make it in the rubber has greater dispersion ability, carbon black particles and rubber molecules form physics, in enhancing the sulfide rubber mechanical strength and tear reinforcement is better than carbon black.

**Storage conditions:** dry storage, pay attention to moisture-proof.

序号 Number	检测项目 Items	计量单位 Unit	技术要求 Specifications
1	产品外观 Appearance		白色粉末/颗粒 white powder
2	白度 Whiteness	%	≥93
3	二氧化硅含量(灼烧后) Purity of SiO <sub>2</sub>	%	≥95
4	粒径检测 Particle size	mesh	325
5	比表面积 Specific surface area	m <sup>2</sup> /g	180-200
6	PH值 PH(5% suspension)		6.5-8.5
7	干燥减量(105°C) Heating loss(105°C for 2hr.)	%	≤5.0
8	灼烧减量(1000°C) Ignition loss (1000°C for 2hr.)	%	≤8.5
9	DBP吸油值 Absorption value	ml/100g	260-280

10	重金属 (以 Pb 计) 含量 Heavy Metals(pb)	%	≤0.003
11	砷 (As) 含量 Arsenic	%	≤0.0003
12	可溶性解离盐 (以 Na <sub>2</sub> SO <sub>4</sub> 计) Sodium sulfate	%	≤0.4
13	硫酸盐含量 Lead Sulfate	%	≤1
14	包装规格 Package		20kg/袋 Bag