

Precipitated Silica

Product name: Precipitated Silica

CAS No.:10279-57-9

Product Standard:HG/T 3061-2009

Physical and Chemical Properties:

Melting Point/Freezing Point:1610°C

Boiling Point/Range: >100°C

Density(25°C): 2.6g/cm³

Water Solubility (g/l): no reaction

Appearance: White Powder

Technological Index:

Item	Index
	HS-145
Surface Area/(m ²)	130-150
SiO ₂ /% ≥	90
45μm Sieve Residue/% ≤	0.5
Heating Loss/%	4.0-8.0
Ignition Loss/% ≤	7.0
PH Value in Aqueous Dispersion	5.0-8.0
Copper Content/(mg/kg) ≤	10
Manganese Content / (mg/kg) ≤	40
Iron Content/(mg/kg) ≤	500
Oil Absorption Value / (cm ³ /g)	2.0-3.5

Remarks: In addition to the above, special specifications shall be determined through negotiation between the supplier and the buyer.

Properties and Uses:

It is used in tires to partially replace carbon black, and accordingly increase resilience, reduce costs and rolling resistance; Used as a carrier in animal feeds and medicine, as the reinforcing agent and filler in sports sole; It is the main component of silicone rubber, the abrasive agent in toothpaste, the raw material for insulation material aerogel, the reinforcing agent for insulating rubber, and the filler for photovoltaic accessories, etc.

Package, Storage and Handling:

Film woven bag: fine powder 15kg/bag coarse powder 20kg/bag; Ton bag: briquetting material 350kg/bag; Store it in a dry, ventilated and moisture-proof warehouse, and strictly prevent contamination caused by broken packages. Not to be mixed with items that can spoil the product or damage the bag. Any product that leaks out of the package never can be returned to the package.