

SPECIFICATION

NAME : Barite Powder(BaSO₄)

DESCRIPTION:

The main contain of Barite Powder is Barium Sulfate, and it is soluble in hot concentrated sulfuric acid, almost insoluble in water, acid, alcohol. It will easy become lump when it is dry. As a friction raw material filler, it is widely used as a kind of friction performance modifier.

GRANULARITY (SIEVE ANALYSIS.PARTICLE SIZE)

Sieve size(m/mm) : 45μm

Detection value(%): 99.5%

Mesh: 325

Sieve(mm)	Specified (%)	Typical (%)
≤10um %	≥ 80	98
≤5um %	≥ 60	82.5
≤2um %	≥ 25	30

APPEARANCE

Shape: Powder

Color: White

PHYSICAL PROPERTIES

Specific gravity(g/cc, g/cm ³)	4.35
Bulk Density(g/cc, g/cm ³)	1.11-1.25
Oil absorption(g/100g)	10-30
Moisture Rate (%)	≤0.15%
Melting point(°C)	1580°C
Hardness(Mohs)	3.0-4.0
PH 6.5-8.0	6.5-8.0
Volatile content(%)	≤0.3%
Whiteness(%)	92%



CHEMICAL COMPOSITION

Composition	BaSO ₄	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
Rate(%wt)	≥95.00	≤0.18	≤0.66	≤0.04

PACKAGE

25KG/bag, double sheet paper bags, white color

APPLICATION

Barium Sulfate is widely used for manufacturing Automotive, Commercial Vehicle, Motorcycles, Trailers brake pads and Brake Linings, and Braking Elements Industrial Equipment.