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Fly-ash Floating Bead



Fly ash floating bead is a kind of light non-metallic multi-functional powder material, hollow, wear-resistant, high temperature resistant, good fluidity, good electrical insulation, low thermal conductivity, white or gray in appearance. It is a good thermal insulation refractory raw material, commonly used as raw material for the production of thermal insulation bricks, thermal insulation coatings, paint coatings, etc. It is also used in the petroleum industry, such as anti-corrosion and insulation of oil field pipelines, and as a reducer of oil well drilling mud.

1, Description of Fly ash floating bead

The main components of fly ash floating beads are silica and alumina, with a fire resistance of 1600-1700°C. They are excellent high-temperature fire-resistant and thermal insulation materials. The fly ash floating beads have good dispersibility, fluidity, high strength, good abrasion resistance, hollow spherical shape, low thermal conductivity, good thermal insulation and electrical insulation, and can be used as raw materials for the production of insulating products under high temperatures. This raw material is widely used in the thermal insulation refractory brick, thermal insulation coating, paint coating, construction industry, as well as in the oil field industry, such as the anti-corrosion and thermal insulation of pipelines, and the palliative of oil well drilling mud.

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2,Performance parameter of Fly ash floating bead

Item	Unit	Value
SIO2	%	50-65
Al2O3	%	25-35
Fe2O3	%	2-4
MgO	%	0.8-1.2
True density	g/cm3	0.5-0.8
B.D	g/cm3	0.3-0.5
Thermal conductivity	W/m.k	0.054-0.095
Oil absorption rate	g/g	0.68-0.70
Particle size	um	10-400
Mohs hardness		6-7
Appearance		Spherical powder, white, gray

3,Mian characteristic of product

- 1) Low thermal conductivity, 0.054-0.095w/m.k, good thermal insulation
- 2) High hardness, high strength and good wear resistance
- 3) The melting point is greater than 1400 °C, and the high temperature resistance is good
- 4) PH $\approx$ 6, good acid and alkaline resistance
- 5) High dispersion and good liquidity

4,Main purpose of the product

Fire resistant, heat insulation and heat insulation raw materials are used to produce heat insulation refractory bricks, heat insulation coatings, paint additives, building heat insulation coatings, oil field drilling industry, etc

5,Good feedback of product use effect,the products have been exported to South Korea, Japan,Pakistan

6,We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of Fly ash floating bead Product?

Do you want to find a stable and credible supplier?

Then please contact with us

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