



ZX201

Grinding type cement grinding aid

Description

ZX201 is a kind of grinding type cement grinding aid.

By the use of **ZX201**, without the new investment and change of existing cement grinding process equipment, it can be realized that:

- Mill output is increased;
- Energy cost is reduced.

Scope of the application

Suitable for grinding of any kinds of cement, slag powder, steel slag powder and limestone powder.

Property

| | |
|------------------|--------------|
| Appearance | Brown liquid |
| Specific gravity | 1.16±0.05 |
| PH value | 9±1 |
| Insoluble matter | ≤ 0.01% |

ZX201 is non-toxic, non corrosive, non flammable, non explosive.

Technical characteristic

- **Increasing mill output.** This product can effectively remove the electrostatic agglomeration due to grinding, reduce the agglomeration between cement particles, and the agglomeration between particles and pound mills. The mill output can be increased by 10~30%. For the grinding of slag powder or steel slag powder, the mill output can be increased by ~10%.
- **Reducing energy consumption.** The electricity used in the production of per ton of cement can be saved by 6~10 kw/h.
- **Others.** There is no corrosive effect on grinding equipment and concrete reinforcement. Basically, it does not affect cement setting time and water consumption

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of standard consistency. Cement strength can be increased slightly. It has no adverse effect on the work performance, mechanical properties, deformation performance and durability of concrete.

Dosage

The dosage of **ZX201** is related to the physical properties of materials to be grinded. The recommended dosage is 150~300 grams / tons of materials to be grinded (0.015~0.03% of materials weight). The optimum dosage must be determined by testing on the mill.

Usage method

In order to achieve the most stable using effect, **ZX201** shall be accurately added by an adjustable liquid metering pump that matches the type and output of the mill. The liquid metering pump must be calibrated before use.

In order to ensure the accuracy and good dispersion of **ZX201**, 3~5 times the amount of water can be used to dilute **ZX201**. Diluted **ZX201** can be added to the belt conveyor or the front of the mill.

Technical service

Professional engineers can combine the details of the cement plant to make experiment and recommend the mill parameters to the cement plant.

ZX201 is one kind of cement grinding aid. **According to the condition and demand of cement plant, professional engineers can design the most suitable cement grinding aid for many kinds of cement from cement plants to adjust cement performance**, such as: setting time, water requirement of normal consistency, fluidity, adaptability of cement and concrete admixture, etc.

Package

250 kg/drum.

Storage

ZX201 should be stored indoors or in the shade. Avoid freezing. If it is frozen, melt it

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slowly before use. After long term placement, it should be stirred or shaken before use.
The validity period is one year.

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