



VISTA

VISTA MINERAL GRIND PLUS

Raw Mill Grinding Aid

Description :

Mineral Grind plus is one of the latest innovation by Vista in the field of grinding Aid for mineral, Cement raw material, Coke, Coal, Calcite, quartz, dolomite etc.

The above mineral grinding involves rather higher power consumption than that stipulated in Rittinger's law in chemical engineering discipline, because of coating of powder on hammers, balls, rollers, interior mill surfaces and due to re-agglomeration /re-adhering of freshly fractured particulate minerals during and post size reduction operation. This phenomenon reduces powder flow ability/dispensability to a great extent increasing unit grinding cost.

Advantages :

Vista mineral grind plus when added @0.03-0.1% by mass of grinding feed offers the following :-

- Increase mill output (6% to 12%) depending on the efficiency of the grinding installation & the characteristic of raw meal to be ground
- Increase fineness for same energy input.
- Reduces grinding energy cost due to lesser power consumption.
- Improved flow characteristic of feed during grinding and storage.

Technical Specification:

Form : slightly viscous colorless liquid
Density : 1.09-1.11 gm/ml
PH value : 7-8
Solubility : Freely soluble in water.

Dosage:

Can vary from 0.03 to 0.1% by mass of charge depending on hardness, microstructure, and re-agglomeration characteristics of minerals

Dosing equipment:

The additive should be accurately dosed by means of a calibrated dosing pump. Vista's technical team arranges installation, and operation of dosing pump at site.



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Handling:

It can be sprayed as received into the mill or added on to the conveyor belt.

Safety Information:

Vista Mineral Grind Plus is non-toxic and non-flammable at ambient conditions. Keep it away from heat source.

Shelf life:

One year in unopened condition in original container.

Packing:

250 kg HDPE barrels and 1000 Kg container.

NOTE :

The contents of the technical data sheet are for general information and guideline only. Results shown here are generated from our laboratory or from our site experiences. This behavior may change as per prevailing condition at the time of application.

VISTA maintains a team of technical trained professional to provide full support in regards to any of our products

Manufactured & marketed by

VISTA CHEMTECH PVT. LTD.

(An ISO 9001 Certified Co.)

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