

GA-QISE

GEO CHEMICAL GA-QISE

Grinding Aid -Quality Improving and Strength Enhancing Additives.

Description

GEO CHEMICAL GA-QISE

Is defined as the process of high performance grinding aids for raw material, to significantly reduce production costs and to increase output of mixed cements, slag, fly ash cements. and increase grinding efficiency, workability ,initial setting improve, final setting improve, quality and strength enhancing additives. It has as its ultimate objective decreasing the energy consumption to obtain a given fineness or flow of cement. as well as reducing agglomeration and providing energy savings, some grinding aids also reducing setting times and increasing the at which strength is developed in the course of subsequent hydration. Chemicals and materials added to cement slurry to modify the characteristics of the slurry or set cement.

Application

GA-QISE: Series should be applied to the raw material on the conveyor belt just before the mill entrance by an adjustable dosing pump.

Advantage

GA-QISE: Series have polar structure and greatly improve the efficiency of grinding process by neutralizing the electrostatic charges which are the main cause of agglomeration inside cement mills. They can be applied to both open and closed circuit mills. GA-QISE product also improve the cement flow ability and decrease pack-set time remarkably, decrease results in faster loading and unloading times of bulk tankers and also longer cleaning periods of silos.

The overall benefits of cement additives comprise: cost reduction, lower unit grinding energy, greater integration of supplementary cementations material (SCM)- fewer capital expenditures due to increased capacity.

Package

GA-QISE: Series are available in, 1000 liter plastic tank, tanker trucks.

DOSAGE

GA-QISE: Series the dosage varies from (250-750) gram per ton of fresh feed to the mill.

The optimum dosage in any case ,has to be found through a reliable industrial trial ,preferably with the help of SGC Cement Additive Division Technicians.

Cleaning

GA-QISE: can be cleaned with soaped water.

Technical Properties

Color	Dark Brown
Freezing	-15
Chemical content	amine
pH	9-11
Density	1.12-1.15
Chloride content	< 0.2
Alkali	< 0.5

Storing Condition

It is store in dry condition, GA-QISE series has minimum shelf life of 12 months from date of manufacture if stored properly in its original unopened packing.

If the additive is frosted under +5 c it should be thawed by waiting at ambient temperature without using direct heating and mixed until it becomes homogeneous.

Compressed air should not be used during this operation.

Security Information

All technical information stated out in this product data sheet are based on laboratory experiments, Users can get physical, toxicological, geological information and recommendations related to carrying, storing and safe disposal of chemical products from (MSDS) Material Safety Data Sheet of product.

GA-QISE should not come into contact with skin and eyes, that is classified as hazardous material.

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

Fire

GA-QISE is nonflammable

