

GA-ISI

GEO CHEMICAL GA-ISI

Grinding Aid -Initial Strength Improve.

Description

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Are high performance initial setting improve, quality and strength enhancing additives. 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. These are referred to as accelerating admixtures; by keeping the cement quality unaltered .GA-ISI may be successfully utilized in the grinding of blended cements and in all cases where a significant increase in early strengths is needed. By keeping the cement quality unaltered.

Application

GA-ISI :Series should be applied to the raw material on the conveyor belt just before the mill entrance by an adjustable dosing pump .in some cases before using ,dilution of the grinding aid with water is recommended to ensure more homogeneous distribution of it on the clinker that results in increase of performance of grinding aid .

Advantage

GA-ISI: Series they are accelerate the rate of the calcium silicates hydration and at equal cement fineness, they are able to increase mechanical strengths due to a better granulometric redistribution of the finished cement, Early strength can be increased up to 25% versus a blank. GA-ISI 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. Moreover, it is therefore possible to obtain a production increase by the same improvements of the strength of the finish cement.

Package

GA-ISI: Series are available in 1000 liter plastic tank and tanker trucks.

DOSAGE

GA -ISI: Series the dosage varies from 800- 1000 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 - ISI can be cleaned with soaped water.

Technical Properties

Color	Light Brown
Freezing	-18
Chemical content	Amine hydroxyl
pH	9-10
Density	1.08-1.12
Chloride content	<0.1
Alkali	< 0.5

Storing Condition

It is store in dry condition; GA-ISI 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-ISI 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-ISI series is nonflammable.

