



## Capacity Enhancing & Strength Improving Cement Grinding Aid

### Description:

POLYSTAR SE 3050 is a high-efficiency cement grinding aid specifically designed to increase mill capacity and throughput. It improves grinding efficiency and material flow, enabling higher production rates without changes in cement fineness or quality targets.

### Technical Properties:

<b>Chemical Base</b>	Amine/Glycols mixture
<b>Appearance</b>	Homogeneous Liquid
<b>Color</b>	Light Yellow
<b>pH</b>	7,5 ±1
<b>Density (g/cm3)</b>	1,14 ± 0,02
<b>Chloride content</b>	< 0,01

### Application :

POLYSTAR SE 3050 should be directly added to the mill or conveyor belt during the grinding process using an adjustable dosing pump.

### Advantage :

- Increases mill capacity and production rate
- Improves grinding efficiency
- Reduces agglomeration and coating inside the mill
- Enhances material flow through the grinding circuit
- Lowers specific energy consumption (kWh/ton)
- Improves cement flowability and silo discharge
- Reducing the CO<sub>2</sub> emission as a result of reducing energy consumption for the grinding process.

### Health and Safety Information:

The additive must be kept away from the skin and eyes. In case of any contact, it must be washed with water. When contacted with eyes one must immediately rinse it with water and medical support must be taken. Protective goggles / gloves / mask should be used during the usage of the additive. The Safety Data Sheet (SDS) should be read for detailed information.

### Dosage:

Recommended dosage range: 0.03% – 0.08% by weight of cement (300–800 g/ton).

The optimal dosage should be determined through laboratory and industrial mill trials, based on clinker properties, mill settings, and target fineness.

### Storage:

Must be stored at temperatures between +5°C and +35°C. Direct sunlight exposure and freezing conditions should be avoided. Once frozen, the product should be thawed out slowly and re-mixed thoroughly prior to use. Under proper storing conditions, the product's shelf life is 12 months from production date if keep in original packaging unopened and undamaged.



### Standards compliance:

Complies with ASTM C465.

### Cleaning :

In case of a possible spill or contamination, it can be washed with clean cold water.

**Fire :** POLYSTAR SE 3050 non-flammable.

**Packaging :** 1000 kg IBC konteyner Bulk

