



## STAREX NTR-10: Additive for Cement Grinding Aid Formulations

### Technical Data Sheet

#### Description

- STAREX NTR-10 is an additive, which is supplied in concentrated inert powder form.
- The product may be used as a primary ingredient / component for grinding aid and quality improver formulations for end-application at the grinding stage of cement production.

#### Application

- STAREX NTR-10 is typically mixed with water, and sometimes with other chemical additives such as TIPPA, DEG, TIBP, etc for producing custom grinding aid formulations.
- The formulations developed with STAREX NTR-10 can be subsequently fed to the cement grinding mills to derive benefits catering to specific needs of the cement producer, such as:
  - High early age strengths
  - High late age strengths
  - High cement mill throughput
  - Low specific power consumption
  - Higher fineness (blaine) and reduced residues at 45/90 microns
  - Special cement production

#### Advantages

- Higher cement strength by 10-30% at various stages of strength development
- Reduced specific power consumption in cement grinding
- Increased cement mill throughput
- Reduced clinker factor
- Increased fineness (blaine) and reduced residues at 45 and 90 microns
- Increased durability of concrete due to reduced water porosity

#### Dosage

Recommended dosage of STAREX NTR-10 is 0.0075-0.01% of cement mill feed (75 to 100 grams per ton of cement mill feed)

#### Packaging

Packed and supplied in 25 KG Bags

#### Chemical Composition

STAREX NTR-10 is a proprietary chemical additive, which is primarily composed of certain organic salts and salts of ammonia.