

Grinding Aid Agent for Carbonaceous Materials

Uses

CEMAX 350CL is an aqueous solution of dispersing agent for use as a grinding aid for the pulverising of carbonaceous materials such as Coal and Petcoke. CEMAX 350CL is a customized hydroxyl chemical based substance.

Advantages

- A reduction in ball and liner coating which results in grinding efficiency [Horizontal Ball Mill]
- A reduction in roller and track bed or disc coating which results in grinding efficiency [Vertical Roller Mill]
- A reduction in agglomeration which increases classifier throughput and air flow easiness control.
- An increase in mill output or yield and at the same time the material fineness.
- Total reduction in grinding cost

Technical Data

Product specifications for CEMAX 350CL are as per the following table:

Appearance	Clear
Shelf Life	12 months
Specific gravity	1.0 – 1.1
pH	7.5 – 8.5

Compatibility

CEMAX 350CL is compatible for use with all types of carbonaceous material. The addition does not initiate any reaction that might cause the alteration of the carbonaceous material composition or the chemical properties, such as the Volatiles %.

Specification Compliance

CEMAX 350CL has been tested and used in the cement industry that uses Coal or Petcoke as fuel. It complies with ASTM C465-85 as a non-harmful processing addition.

Addition Rate

CEMAX 350CL is used at recommended standard dosage rate by weight of carbonaceous material [raw material]. Individual dosage may vary due to a different type of the raw material, type of mill, desired mill output and mill performance. The recommend dosage is 0.04-0.06% by weight of raw material.

Dosing Equipment

CEMAX 350CL is added to the raw material using a metered dispensing system at the material conveyer. Fosroc representatives will advise the best location for the dispensing system. No water addition is necessary. Fosroc representatives can advise on suitable equipment for installation.

Storage

CEMAX 350CL can be stored up to 12 months in its original packaging.

Packaging

CEMAX 350CL is supplied in a 210 or 1000 litre tanks, or by a tanker delivery. It contains no flammable materials.

Technical Services

Fosroc representatives are available for laboratory and mill test. Complete testing equipment and procedures for analysing mill performance is supplied during trials. Fosroc representatives are also available at all times while using Fosroc products for servicing, technical support and troubleshooting.



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