



Technical data sheet

CHRYSO® Slag 30

High performance grinding aid for slag

Description

CHRYSO®Slag 30 is a high performance grinding aid for slag.

Advantages

- Increased mill production (10% to 20%) depending on the efficiency of the equipment and the characteristics of the material to be ground.
- Reduced grinding energy costs.
- Improved efficiency in both open and closed circuit systems at equal specific surface area or equal sieve residues.
- Significant reduction/elimination of cement agglomeration on the media, diaphragm, liners and the separator.
- Improved powder flow characteristics before, during and after storage -resulting in improved packing times and packing consistency.
- The mechanical strength of cement is increased at early stages due to improved granulometry.

Physical and chemical properties

- Physical state (25°C): liquid
- Colour: brown
- Specific gravity (25°C): 1.15 (±0.1)
- pH (25°C): 10 (±1)
- Solids content: 20% (±2%)
- Viscosity: 14 (±4) Ford Cup #4

Application guidelines

Use

- CHRYSO®Slag 30 is a grinding aid that is designed to be used during the milling of slag.

Disclaimer: The information contained in this document is given to the best of CHRYSO's knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving CHRYSO's liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. CHRYSO specialists are at the disposal of the users in order to help them with any problems encountered.

Dosage

- It is suggested that 300 ml to 600 ml of CHRYSO®Slag 30 is used per tonne of slag.
- Industrial trials are required to determine the optimum dosage.
- CHRYSO®Slag 30 is a ready to use liquid activator that may be applied onto the feed conveyor belt and as such, a dosing pump is required in order to introduce the correct dosage into the mill. CHRYSO®SLAG 30 can be used in conjunction with other grinding aids.
- Dosages in excess of 1 l per tonne of material to be ground should be avoided.

Storage

- CHRYSO®Slag 30 is guaranteed for 12 months starting from the manufacturing date, provided no other chemicals are added to it.
- The product should be stored away from the rain, in clean, dry tanks.
- This product will not freeze above -5°C, but crystallises below 12°C if not circulated.

Packaging

- Bulk tanker loads
- 1 000 litre containers

Health and safety

This product is classified as corrosive. CHRYSO will provide onsite assistance when requested. Refer to the material safety data sheet.