

## DESCRIPTION

Coating used mainly on copper anode casting.

It's been developed based on synthetic precipitated and micronized barium sulfate, enhanced with powerful chemical additives such as lubricants, dispersants, and binders.



The product has excellent dispersion properties and is calcium free. Incorporated additives provide additional protection to molds and increase operational tolerance in casting processes.

## CHEMICAL COMPOSITION

BaSO <sub>4</sub>	< 96%
Refractory oxides	< 3.0%
SiO <sub>2</sub>	< 1.0%



## BENEFITS

- ✓ Less coating consumption rate
  - 1.0– 2.0 kg / Ton casted
- ✓ Increase mold life expectancy
  - 200 – 400 Ton casted
- ✓ Improves surface quality of anode
  - Less porosity and bumps
  - Prevents formation of oxides, carbonates, and silicates
- ✓ Improve operational range
  - Good thermal resistance

## PHYSICAL PROPERTIES

APPARENT DENSITY	1.6 - 1.9 g/cm <sup>3</sup>
SPECIFIC GRAVITY	4.0 - 4.4 g/cm <sup>3</sup>
pH	6.5 - 9.0
CALCINATION LOSSES	< 1.2%
HUMIDITY	< 0.2%
GRANULOMETRY	99% < mesh 325

## SAFETY

- Inert
- Innocuous
- Nontoxic
- Nonflammable

## PACKING

- Bag or sack 25kg (55 lb)
- 1 ton pallets
- Fiber drum (100 kg)

## APPLICATIONS

- Anode casting
- Auxiliary uses at smelter processes (e.g. scoops and canals)