



DESCRIPTION

Fine and homogeneous powder produced from careful calcination of animal bones. It is commonly used in aluminum industry as a release agent and protective coating.

Very suitable for aluminum casting of ingots and bars. It can also be used in ladles, ponds, vessels, containers, launders, or any other type of surface

in contact with melted metal, preventing aluminum from adhering to those structures.

This product is also good to protect any type of equipment or tool exposed to contact with molten metal, including floor areas around casting stations and furnaces.

CHEMICAL COMPOSITION

CaO	51 - 55%
P ₂ O ₅	40 - 43%
SiO ₂	< 1.00%
MgO	< 1.40%
CO ₂	< 1.20%
Fe ₂ O ₃	< 0.10%



BENEFITS

- ✓ Great thermal stability
 - Low calcination losses
- ✓ High protection
 - Uniform product distribution
 - Very good adhesion to metal surface
 - Prevents erosion of mold and surfaces
- ✓ Easy to use
 - Can be mixed with water
 - Easy to wash
 - Can be applied by spray guns or brush

PHYSICAL PROPERTIES

APPARENT DENSITY	1.1 - 1.4 g/cm ³
SPECIFIC GRAVITY	2.6 - 3.0 g/cm ³
CALCINATION LOSSES	< 1.0%
GRANULOMETRY	95% < mesh 325

SAFETY

- Inert
- Innocuous
- Nontoxic
- Nonflammable

PACKING

- Bag or sack 25kg (55 lb)
- 1-ton pallets
- Fiber drum (100 kg)
- Any other format upon request

APPLICATIONS

- All kind of uses in aluminum casting processes
- Distributors