

ConverMould

DESCRIPTION

ConverMould is a coating based on natural calcium sulfate that includes additives as lubricants, dispersants, and binders to enhance performance.



This product is used to protect launders, scoops, tools, and surfaces in contact with molten metal. Its application should be dry.

CHEMICAL COMPOSITION

CaO	51 - 55%
P ₂ O ₅	40 - 43%
SiO ₂	< 1.00%
MgO	< 1.40%
Al ₂ O ₃	< 0.30%
Fe ₂ O ₃	< 0.20%
ZrO ₂	< 0.003%



PHYSICAL PROPERTIES

APPARENT DENSITY	1.0 - 1.2 g/cm ³
SPECIFIC GRAVITY	2.8 - 3.0 g/cm ³
CALCINATION LOSSES	< 1.0%
HUMIDITY	< 0.1%
GRANULOMETRY	95% < mesh 325

BENEFITS

- ✓ Excellent adhesion
 - Great adhesiveness thanks to its special particle size distribution
- ✓ Better protection
 - Higher thermal resistance
 - Extend life expectancy of canals, scoops, and tools
- ✓ Wide operational range
 - High tolerance to variable operational conditions
 - Suitable for multiple types of materials

SAFETY

- Inert
- Innocuous
- Nontoxic
- Nonflammable

PACKING

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

APPLICATIONS

- Auxiliary uses at smelters (e.g. scoops, launders, tundishes, tools or surfaces)