



GES FOUNDRY PRODUCTS AND METALLURGY LIMITED COMPANY

QUALITY AND CHEMICAL TEST CERTIFICATE

EXOPOWDER 01



BRIEF DESCRIPTION:

EXOPOWDER 01 is an exothermic cover powder which is used in order to cover heads of ingot moulds.

PURPOSE OF USAGE:

Just after molten metal is poured into the casting mold, EXOPOWDER 01 is poured on the head of ingot moulds.

It can be used for all types of steel and iron castings.

As soon as EXOPOWDER 01 is poured on the head of ingot moulds, it immediately starts to burn and becomes a thin shell over the pouring gate therefore it prevents rapid cooling and formation of shrinkage and provides excellent insulation.

By high isolation characteristics of EXOPOWDER 01, it prevents potential inner shrinkages of casting part.

BENEFITS:

Provides high insulation

Ensures homogeneous cooling

Prevents inner shrinkage

With its fluoride-free formula, it does not damage casting surface

Easy cleaning opportunity from the surface

STORAGE CONDITIONS:

Keep away from open flames and other ignition sources.

Store in dry and clean conditions and in their original packaging.

PACKAGING

Can be packed 25 kg. Bags or 1.000 - 2.000 kg. Big Bags.

Different packaging options are available upon request.

CHEMICAL TEST RESULTS:

Grain Size: 0-180 micron

Colour: Dark Grey

Physical Appearance: In powder form

Odor: Characteristic.

Aluminum Powder: (Min) 20%

Aluminum Oxide: (Min) 5%

Calorific Value: 9.800 KJ/Kg.

Moisture (Humidity): Under 1%

Bulk Density: 900 - 950 g/l

Flash Point: 500 °C. - 600 °C.

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