



Surface Stabilizer for Green Sand Molds

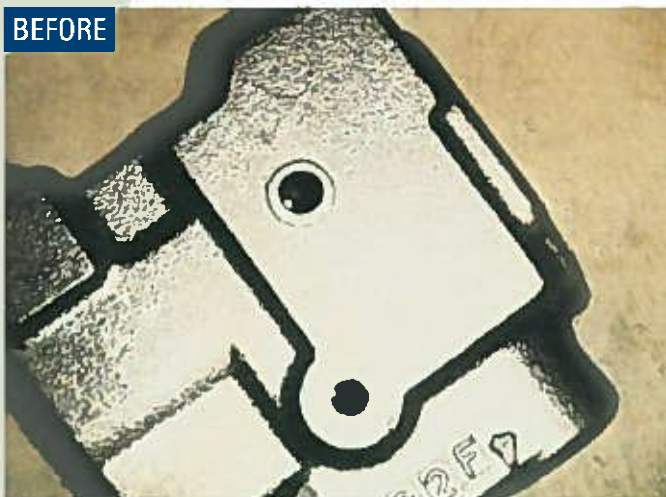
T-MOLD

Reduces defects!

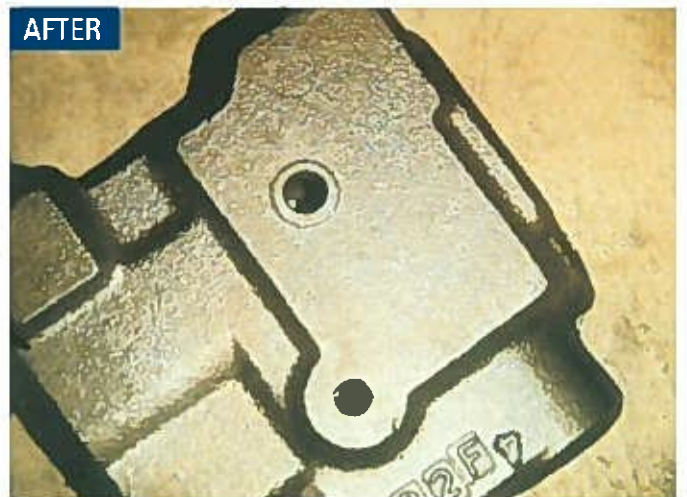
Outstanding effects!



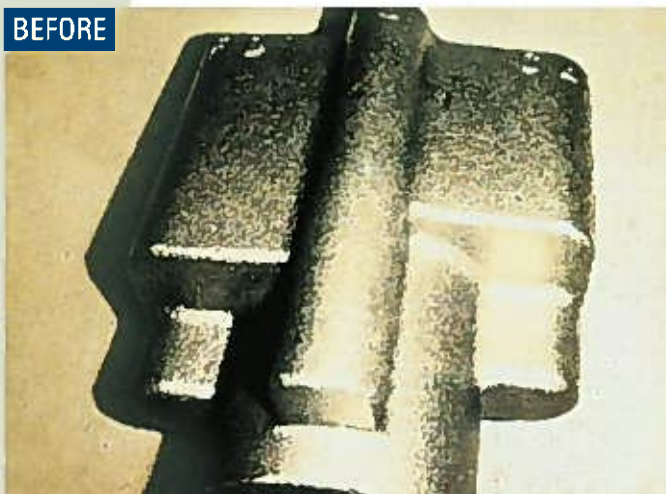
BEFORE



AFTER



BEFORE



AFTER



NAKAYAMA CO., LTD.

T-MOLD is an advanced surface stabilizer that consists mainly of sugar alcohol with moisture keeping capabilities. Conventionally, the casting sand failures have been caused by the fact that molten cast iron could not be poured immediately after molding.

This necessary waiting time changes the sand characteristics (moisture, rigidity, surface stability, air permeability, etc.) significantly.

In fact it is extremely difficult to control such changes in sand characteristics by adjusting the amount of primary and secondary binders. For this reason, this surface stabilizer has been developed to compensate for sand characteristics that may be insufficient at the time of pouring molten iron into the sand mold by preventing water vaporization, degradation of surface stability, mold shift, cracking, etc.

Features

- 1 Crumbling of sand, the major cause of sand mold failures is avoided and the surface stability is enhanced to prevent sand inclusion, erosion or penetration.
- 2 Better casting surface. Casting products such as manhole hatches, water pipe parts, art and handicraft objects that need letters, patterns or stripes in relief can be made with clear details.
- 3 Smooth textures are obtained on the as cast surface, facilitating finishing processes such as machining and painting.
- 4 T-MOLD is in liquid form and can be diluted with water for spraying.
(Once diluted, the solution does not separate any more.)
- 5 T-MOLD does not contain nitrogen or sulfur.
- 6 According to the fire regulations T-MOLD is defined as a non-dangerous substance and is harmless.

Directions

Use T-MOLD as water solution. Dilution ratio is 1 (T-MOLD) to 0.5~1 (water).

Characteristics

Component	Reduced starch sugar
Property	Transparent syrup-like solution
Concentration	70±1%
pH	4.0~6.5

Packing form

24kg	5 Gallon-Can
250kg	Drum



5 Gallon-Can

Sold by

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Produced by

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