



Maxicarb 100®

PRODUCT DESCRIPTION

Maxicarb 100 is a naturally occurring, high-quality grade coal specially processed to improve the properties of green sand systems.

Maxicarb 100 generates high lustrous carbon, resulting in better surface finish of casting. The mesh size is controlled to minimize water demand in system sand. Slag inclusion resulting from moisture can be reduced. The tendency for sand to stick and burned on casting can be alleviated.

With Maxicarb 100 included in the system sand, shakeout is improved compared to most carbonaceous additives. Sand loss is reduced when spent molds readily break down.

Maxicarb 100 FEATURES

Maxicarb 100 is an alternative sand additive that may offer considerable process improvement and cost savings potential. Listed below are some of the benefits we have seen with this product.

- Improves Casting surface finish
- Reduce slag inclusion defect
- Increases mold permeability
- Reduces moisture demand in green sand
- Reduces free water defects
- Improves shakeout
- Reduces sand carry-out

Specification

| | | |
|-------------------|-------------|------|
| Color | Brown/Black | |
| Moisture | 5% | Max. |
| AFS.GFN | 135-165 | |
| Retain on 20 Mesh | 0.2% | Max |
| VCM | 33% | Min. |
| Ash | 9.5% | Max. |
| LC | 8% | Min. |
| %S | 1% | Max. |

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