



ADDITROL MGT

PRODUCT DESCRIPTION

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

Additrol MGT generates high lustrous carbon, resulting in better surface finish of casting. The mesh size is controlled to minimize water demand in system sand the tendency for sand to stick and burned on casting can be alleviated; shakeout is improved compared to most carbonaceous additives. Sand loss is reduced when spent molds readily break down.

Blended with 15% Flo-Carb and 5% Volclay bentonite, the flowability of green sand improves, resulting in a lower energy requirement for forming dense molds with uniform hardness. Mechanical penetration and oversized castings resulting from soft molds can be reduced. The tendency for sand to stick and bridge in sand hoppers and bucket elevators can be alleviated

Additrol MGT FEATURES

Additrol MGT 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
- Improve sand flowability
- Increases mold permeability
- Reduces moisture demand in green sand and Reduces free water defects
- Improves shakeout and reduces sand carry-out

Specification

Color	Brown/Black	
Moisture	6.4%	Max.
AFS.GFN	120-165	
Retain on 20 Mesh	0.2%	Max
VCM	30%	Min.
Ash	19.5%	Max.
LC	6%	Min.

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