GFN-1 Flux

Product Description

GFN-1 Flux is a simply-formulated ladle additive designed to provide an economical means of cleansing iron and minimizing inclusion defects caused by dross and slag entrainment. This product is a fluoride-based, granular flux which when used in small amounts in gray and ductile iron fluidizes oxide and sulfide reaction products, increases metal fluidity, and reduces slag build-up in ladles and ductile iron treatment chambers.

Application

GFN-1 Flux contains the nucleating and graphitizing elements of silicon and calcium and as such may be used in conjunction with or in addition to the standard post-inoculant in use. In gray iron, recommended addition levels are 0.025 – 0.030% (0.5 to 0.6 lbs/ton) based on iron treated. For ductile iron, a level of 0.045 – 0.055% (0.90 to 1.10 lbs/ton is recommended).

Chemical Analysis

Property	Value
Silicon (Si)	44 to 48%
Calcium (Ca)	12 to 16%
F and Iron	Balance

Physical Properties

Property	Value
Screen size	20m x D
Bulk density	Approximately 115 lbs/cu. ft.

Packaging

- Loose - 100 and 600 lb. drums
- Prepackaged - 0.5 lb, 1.0 lb., and 1.5 lb. poly-bags

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