

## GFN-1 FLUX

### PRODUCT DESCRIPTION

GFN-1 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.

### TECHNICAL INFORMATION

#### TYPICAL ANALYSIS

Si – 44 to 48%  
Ca – 12 to 16%  
F and Iron – Balance

#### SCREEN SIZE

20m x D

#### BULK DENSITY

Approximately 115 lbs/cu. ft.

#### USES

GFN-1 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).

#### PACKAGING

GFN-1 Flux may be packaged loose in 100 and 600 lb. drums or prepackaged in 0.5, 1.0, and 1.5 lb. poly-bags.

Rev. 7/2009

**Disclaimer:** The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information