

## ***Green Diamond Sand Products Foundry Sands Spec Sheet***

***Green Diamond Foundry Sand*** is fused magnesium ortho silicate, formed from molten lateritic ore and granulated by quenching. The quenching process produces an amorphous non-crystalline form of hard durable sand. Green Diamond Sand is non-metallic and chemically inert.

***Green Diamond Foundry Sand*** is manufactured in the U.S.A.

### Materials Properties

Shape: Angular to Sub Angular  
Hardness: 7 on the Mohs hardness scale  
Color: Green to Gray  
Specific Gravity: 3.3  
Bulk Density: 85 to 105 lb. Per Cu. Ft.  
Melting Point: 2900 F  
Fusion Point: 2600 F

Contains no free silica

Product Specifications: See spec sheets also custom blending available

Packaging: Jumbo bags, 100 and 50 lb. paper bags  
(excludes 140 x 270 in 100 and 50 lb bags)

Bulk: Rail covered hoppers and trucks pneumatic or container type

### Typical Analysis

Silicon Dioxide	50.9
Magnesium Oxide	32.8
Iron Oxide	11.7
Aluminum Oxide	1.2

Environmental: ***Green Diamond Foundry Sand*** meets the TCLP (40 CFR 261.24a) Criteria prior to its use.

***Green Diamond Foundry Sand*** contains no heavy metals exceeding the levels of the TCLP.