



Ingot Hot Top Boards

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

| | Exothermic Board | Insulating Board | Insulating Sleeve |
|--------------------------------|-------------------------|-------------------------|--------------------------|
| SiO ₂ | 89-95 % | 79-85 % | 95 % min |
| Al ₂ O ₃ | 2.0 % | 2 % | 2 % max |
| Fe ₂ O ₃ | 1.0% | 1 % | 1 % max |
| CaO | 0.5 % | 0.5 % | 0.5 % max |
| LOI (organic) | 5.0 % | 5.0 % | 0.1 % max |
| Al | 10.0 % | 0 % | 0 % |

GENERAL PROPERTIES:

| | Exothermic Board | Insulating Board | Insulating Sleeve |
|-------------------------|-------------------------|-------------------------|--------------------------|
| Application Temperature | 2192 °F | 2192 °F | 2192 °F |
| Density (press) | 55 pcf | 55 pcf | 16 pcf |

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally, and as a function of size and shape. This form is not intended to be used for purposes of specification, it is informational only.

Version 20.11
