



TECHNICAL DATA SHEET

Reno ElectroVibe 92 is a high purity, fused alumina based refractory. It is designed for lining the floor and throat of vertical channel furnaces melting iron. This product is a dry vibratable with special additives to aid in the densification process. High densities and a very homogeneous microstructure are reliably obtained when the product is compacted using normal vibrators. Traditional installation procedures will provide a very dense, low porosity lining.

- Provides superior performance in ductile, gray and malleable iron induction furnaces.
• The Electro Bonding improves erosion resistance and density by controlling static charging of particles.
• Improved sintering occurs due to improved colloidal particle packing.
• An engineered microstructure is formed, with small pore sizes that prevent metal penetration.
• Very low dust levels are normally observed.
• The dense Electro bond is extremely resistant to erosion due to increased iron velocities in the region near the inductor.

Service Temperature: 3000°F / 1648°C Wt. Required for Estimating: 185 lbs/ft³
Storage Life: 12 months if stored dry and temperature controlled

TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Table with 7 columns: Al2O3, SiO2, Fe2O3, MgO, TiO2, B2O3, CaO and corresponding values.

TYPICAL COLD PHYSICAL PROPERTIES

Table with 7 columns: Prefired to °F / °C, Bulk Density, True Density, Cold Crushing Strength, Apparent Porosity, Linear Change, Median Pore Diameter.

Packaging: 40/55# bags per pallet; 2/1,100# bulk bags per pallet; 1/1,100# bulk bags per pallet

EBCO 23-190 F

PIN#199692 7/26/2023

The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.