



RENO REFRACTORIES, INC

Reno ElectroSil™ 1.0

TECHNICAL DATA SHEET

Reno ElectroSil™ 1.0 is a silica-based refractory designed for lining coreless induction furnaces. This product is a dry vibratable which has several characteristics that allow an easy installation. This product has unique additives to control electro-static charges, which allows for rapid densification of the structure. A more uniform structure is created with minimal segregation of the aggregates.

Reno ElectroSil™ 1.0 provides exceptional performance in ductile, gray and malleable iron induction furnaces.

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|--|--|
| SERVICE TEMPERATURE: | 3000°F |
| MATERIAL REQUIRED FOR ESTIMATING: | 127 lbs. /cu. ft. |
| STORAGE LIFE: | 12 Months if stored in dry and temperature controlled air. |
| Initial Sintering Temperature: | 1800F |

TYPICAL CHEMICAL ANALYSIS (Oxidizing Condition)

| | | | | | |
|--------------------------------|------------------|--------------------------------|-----|------|-------------------------------|
| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | CaO | MgO | B ₂ O ₃ |
| 0.5 – 1.0 | 97.5 – 98.0 | 0.1 | 0.1 | 0.25 | 1.0 |

PACKAGING: 55 lb. Bags, 40 per Pallet (2,200 lbs.)
1,100 lb Bulk Bag, 2 per Pallet (2,200 lbs)
2,200 lb Bulk Bag, 1 per Pallet (2,200 lbs)

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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.

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