

## INVINCER BY BLASCH® - RECRYSTALLIZED SILICON CARBIDE

InVinCer by Blasch® Recrystallized Silicon Carbide (ReSiC) has been designed for a multitude of low mass kiln furniture applications. A properly designed ReSiC low thermal mass kiln furniture system can significantly reduce fuel costs while improving airflow and therefore material properties, while freeing up space in your kiln for additional product.

### Key Material Properties

Composition	>99% SiC
Apparent Porosity	<15%
Modulus of Rupture	13,800 PSI (RT) 95 MPa
Bulk Density	165 lb/ft <sup>3</sup>
Erosion Resistance (ASTM C704)	2.4 cc

### Benefits of InVinCer by Blasch ReSiC:

- Exhibiting tremendous hot strength and oxidation resistance, Recrystallized Silicon Carbide was specifically designed to carry heavy loads unsupported at high temperatures without sagging.
- Excellent thermal shock resistance ensures long life in the most difficult of application environments.

