



## Epic<sup>®</sup> BCS-SR

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**DESCRIPTION:** Resin-bonded brick for iron contact applications.

**USES INCLUDE:**

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al <sub>2</sub> O <sub>3</sub>	67.0%
SiC + C	10.0%
SiO <sub>2</sub>	7.0%
TiO <sub>2</sub>	2.4%
Fe <sub>2</sub> O <sub>3</sub>	1.3%
CaO	0.2%
K <sub>2</sub> O + Na <sub>2</sub> O	0.1%
MgO	0.1%

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	< 9.0
Bulk Density (g/cm <sup>3</sup> ):	≥ 2.84
Cold Crushing Strength (MPa):	≥ 55

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.

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