

## QUIKLITE 9

*QUIKLITE 9 COMBINES THE QUALITIES OF AN INSULATING AND GENERAL DUTY CASTABLE. GOOD PROTECTION AGAINST HEAT LOSS AND HIGH STRENGTH HAVE MADE THIS PRODUCT AN IDEAL CHOICE FOR THE GUNNING OF REGENERATOR AND REACTOR WALLS. QUIKLITE 9 IS FORMULATED FOR RAPID HEATUP WITHOUT THE TRADITIONAL RAMP AND HOLD HEATING SCHEDULE*

### CAST DATA:

MAXIMUM SERVICE TEMPERATURE (M.S.T.)      2600°F      (1427°C)

### BULK DENSITY

After 1500°F @ (815°C)      90 LBS/FT<sup>3</sup>      (1442 KG/M<sup>3</sup>)

### COLD CRUSHING STRENGTH

After 1500°F @ (815°C)      600 - 2000 P.S.I.      (42 - 140 KG/CM<sup>2</sup>)

### PERMANENT LINEAR CHANGE

Green to 1500°F (815°C)      0.0 TO - 0.4 %  
230°F to 1500°F (110-815°C)      0.0 TO - 0.3 %

### APPARENT POROSITY

After 1000°F (540°C)      43%

### CONDUCTIVITY OR "K" FACTOR

<u>MEAN TEMP</u>	<u>BTU/FT<sup>2</sup>/HR/°F/IN</u>	<u>W/mK</u>
@ 260°C (500°F)	3.8	0.55
@ 540°C (1000°F)	3.3	0.48
@ 815°C (1500°F)	3.6	0.52

### TYPICAL CHEMICAL ANALYSIS (%)

<u>AL<sub>2</sub>O<sub>3</sub></u>	<u>SiO<sub>2</sub></u>	<u>Fe<sub>2</sub>O<sub>3</sub></u>	<u>CaO</u>	<u>MgO</u>	<u>TiO<sub>2</sub></u>	<u>ALK</u>
40.0	39.8	3.3	10.6	0.7	1.1	2.1

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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