

RESCOCAST 17EG

RESCOCAST 17EG GUNNING GRADE REFRACTORY HAS BEEN FORMULATED TO RESULT IN MINIMUM REBOUND LOSS AND EXCELLENT PHYSICAL PROPERTIES. DATA SHOWN ARE AVERAGE RESULTS OF TESTS FOLLOWING THE GUIDELINES SET FORTH IN ASTM C-903-70 "PREPARING REFRACTORY CONCRETE SPECIMENS BY COLD GUNNING".

MAXIMUM SERVICE TEMPERATURE (M.S.T.) (1510°C)

BULK DENSITY

@ 110°C	134 - 140	LBS/FT ³	2150 - 2240	KG/M ³
@ 815°C	127 - 134	LBS/FT ³	2030 - 2146	KG/M ³

COLD CRUSHING STRENGTH

@ 815°C	5000 - 7500	P.S.I.	350 - 525	KG/CM ²
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PERMANENT LINEAR CHANGE

Green to dried @ 110°C	0.0 TO - 0.1 %
@ 815°C	0.0 TO - 0.3 %

EROSION LOSS (ASTM C-704)

Less than 14.0 CC

TYPICAL CONDUCTIVITY OR "K" FACTOR

<u>MEAN TEMP</u>	<u>BTU/FT²/Hr/°F/in</u>	<u>W/mK</u>
@ 540°C	6.5	0.94
@ 815°C	6.8	0.98
@ 1095°C	6.9	1.00

TYPICAL CHEMICAL ANALYSIS (%)

AL ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	AIK
50.1	40.3	1.0	6.8	0.2	1.0	0.6

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. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet

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RESCOCAST 17EG GUNNING GRADE MATERIAL HAS BEEN CAST IN THE LABORATORY AS A MEANS OF TESTING AND CONTROLLING THE QUALITY OF THE PRODUCT. IT IS NOT RECOMMENDED THAT THE MATERIAL BE APPLIED IN THE FIELD BY CASTING APPLICATION METHODS. THE RESULTS SHOWN BELOW ARE TYPICAL OF LABORATORY CAST SPECIMENS ONLY.

BULK DENSITY

@ 110°C	134 - 140	LBS/FT ³	2146 - 2243	KG/M ³
@ 815°C	128 - 135	LBS/FT ³	2050 - 2162	KG/M ³

COLD CRUSHING STRENGTH

@ 815°C	5000 - 9000	P.S.I.	350 - 630	KG/CM ²
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PERMANENT LINEAR CHANGE

@ 815°C	- 0.0 TO - 0.3 %
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EROSION LOSS ASTM C-704

LESS THAN 14.0 CC