RESCOCAST 88VC

RESCOCAST 88VC CASTING GRADE REFRACTORY WAS DESIGNED SPECIFICALLY FOR VIBRATION CASTING. WHEN TESTED IN THE FIELD, RESCOCAST 88VC NOT ONLY WILL MEET THE RIGID FIELD SPECIFICATIONS BUT HAS PROVEN TO BE THE BEST PRODUCT FOR EASE OF MIXING AND PLACEMENT. A WIDER MIXING WATER RANGE ALLOWS THE INSTALLER TO MIX TO A CONSISTENCY WHICH AND BE INSTALLED WITH A MINIMUM OF VIBRATION.

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

BULK DENSITY

@ 110°C	138 - 144	LBS/FT^3	2210 - 2307	KG/M^3
@ 815°C	133 - 139	LBS/FT^3	2130 - 2226	KG/M^3

COLD CRUSHING STRENGTH

@ 815°C	10000 - 14000	P.S.I.	700 - 980	KG/CM^2
@ 1400°C	10000 - 14000	P.S.I.	700 - 980	KG/CM^2

COLD MODULUS OF RUPTURE

@ 815°C	1600 - 2000	P.S.I.	112 - 140	KG/CM^2
@ 1400°C	1600 - 2000	P.S.I.	112 - 140	KG/CM^2

PERMANENT LINEAR CHANGE

@ 815°C	- 0.1 TO - 0.3 %
@ 1095°C	- 0.1 TO - 0.3 %

EROSION LOSS (ASTM C-704)

LESS THAN   8.0 CC

CONDUCTIVITY OR "K" FACTOR

MEAN TEMP	BTU/FT^2/Hr/°F/in	W/mK
@ 540°C	8.0	1.14
@ 815°C	8.4	1.20
@ 1095°C	8.5	1.22

TYPICAL CHEMICAL ANALYSIS (%)

Al_2O_3	SiO_2	Fe_2O_3	CaO	MgO	TiO_2	AIK
49.3	41.5	0.9	5.9	0.1	1.0	0.5

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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