

RESCOCAST 88HP

RESCOCAST 88HP REFRACTORY WAS DESIGNED SPECIFICALLY FOR HANDPACKING PLACEMENT . HIGH RESISTANCE TO EROSION COMBINED WITH EXCEPTIONAL STRENGTH MAKE THIS PRODUCT IDEAL FOR FCCU APPLICATIONS.

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

@ 540°C	10000 - 14000	P.S.I.	700 - 980	KG/CM ²
@ 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

@ 540°C	1600 - 2000	P.S.I.	112 - 140	KG/CM ²
@ 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	- 0.10 TO - 0.30 %
@ 1095°C	- 0.10 TO - 0.30 %

EROSION LOSS (ASTM C-704) LESS THAN 8.0 CC

CONDUCTIVITY OR "K" FACTOR

<u>MEAN TEMP</u>	<u>BTU/FT²/Hr/°F/in</u>	<u>W/mK</u>
@ 540°C	8.0	1.14
@ 815°C	8.4	1.20
@ 1095°C	8.5	1.22

TYPICAL CHEMICAL ANALYSIS (%)

AL ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	AlK
55.6	36.7	0.7	5.5	0.2	1.0	0.3

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