

RESOCOCAST 1200 HS

RESOCOCAST 1200 HS IS A 1200°C A HIGH STRENGTH ABRASION RESISTANT CASTING GRADE CASTABLE AND IS PARTICULARLY APPLICABLE IN HEAT TREATMENT FURNACES, ASH HOPPERS, STOVE BASES ETC. ALSO AVAILABLE IN GUNNING GRADE.

MAXIMUM SERVICE TEMPERATURE (M.S.T.) (1200°C)

BULK DENSITY

@ 110°C	164 - 169	LBS/FT ³	2630 - 2700	KG/M ³
@ 815°C	157 - 162	LBS/FT ³	2515 - 2580	KG/M ³

COLD CRUSHING STRENGTH

@ 110°C	9000 - 14000	P.S.I.	620 - 965	KG/CM ²
@ 815°C	6000 - 10000	P.S.I.	414 - 690	KG/CM ²
@ M.S.T.	6000 - 10000	P.S.I.	414 - 690	KG/CM ²

COLD MODULUS OF RUPTURE

@ 110°C	1800 - 2800	P.S.I.	124 - 193	KG/CM ²
@ 815°C	1200 - 2000	P.S.I.	83 - 138	KG/CM ²

PERMANENT LINEAR CHANGE

@ 815°C	0.00 TO - 0.10 %
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PACKAGING

25KG SACKS SHRINKWRAPPED ONTO PALLETS

TYPICAL CHEMICAL ANALYSIS (%)

AL₂O₃	SiO₂	Fe₂O₃+FeO	CaO
40.0	3.7	15.3	37.5

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