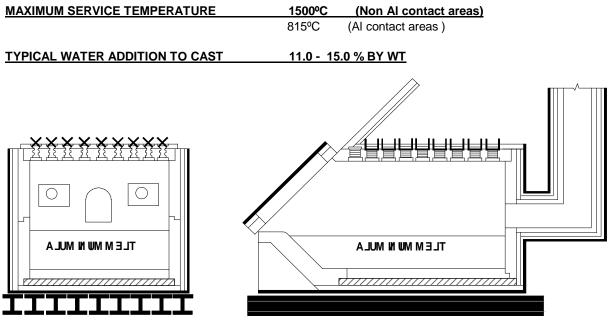


PRODUCT DATA

RESCOCAST 1500MI(A)

Rescocast 1500MI(A) is a hydraulic setting medium alumina castable which is sutible for temperatures up to 1500°C. This general duty castable is an ideal choice for a sub-hearth material in Aluminium Melter/Holding furnaces as it is non wetting to alumnium alloys up to 815°C.



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ALUMINIUM CUP TESTS

TEST PARAMETERS	PURE ALUMINIUM	7075 ALLOY
100 HRS @ 815°C	NO REACTION	NO REACTION
100 HRS @ 1100°C	N/A	N/A

TYPICAL PHYSICAL PROPERTIES (CAST DATA)

TEST TEMP	BULK DENSITY	COLD CRUSHING	LINEAR	EROSION	THERMAL
::::: (°C)	:::: (Kg/m3) : : : :	STRENGTH (Kg/cm2)	CHANGE(%)	LOSS(cc)	CONDUCTIVITY (W/mK)
110ºC	1970-2080	207-345	-	-	-
815⁰C	1870-1990	152-248	-0.10 to -0.30	-	0.92
1500°C	2910-3010	207-345	-0.50 to -1.50	-	

TYPICAL CHEMICAL ANALYSIS (%)

AL2O3	SiO2	Fe2O3	CaO	MgO	TiO2	ZrO2	OTHER
40.8	44.1	3.1	8.8	0.7	1.5	-	1.0

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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