



Insulating Castables

RESCOCAST 3BHA

RESCOCAST 3BHA IS A 1300°C HIGH ALUMINA, LOW IRON INSULATING MATERIAL DESIGNED FOR INSTALLATION BY CASTING OR GUNNING

MAXIMUM SERVICE TEMPERATURE 1300°C

METRIC UNITS

PROPERTY	TEMP	CAST DATA		GUNNED DATA		UNITS
		RANGE	TYPICAL	RANGE	TYPICAL	
Bulk Density	110 °C	750 - 915	830	995 - 1155	1070	Kg/m ³
	815 °C	670 - 830	750	865 - 1025	945	Kg/m ³
	1400 °C	640 - 800	720	850 - 1010	930	Kg/m ³
Cold Crushing Strength	110 °C	28 - 41	38	34 - 48	45	Kg/cm ²
	815 °C	21 - 34	31	28 - 41	38	Kg/cm ²
	1400 °C	28 - 41	38	34 - 48	45	Kg/cm ²
Modulus Of Rupture	1000 °C	7 - 11	9	7 - 11	9	Kg/cm ²
Permanent Linear Change	110 - 815 °C	-0.4 to -0.8	-0.6	-0.4 to -0.8	-0.6	%
	110 - 1000 °C	-0.6 to -1.0	-0.8	-0.6 to -1.0	-0.8	%
Porosity	815 °C	53 - 57	55	51 - 55	53	%
Conductivity or "K" factor	260 °C	-	0.18	-	0.19	w/mk
	540 °C	-	0.20	-	0.21	w/mk

CHEMICAL ANALYSIS

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	Alkalies
50.2	34.8	0.7	10.0	0.4	0.5	2.3

STANDARD PACKAGING 40 x 12.5Kg bags per pallet

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