

Insulating Castables

SUREFLOW 3BLI

SUREFLOW 3BLI IS A 1300 °C LOW IRON INSULATING MATERIAL DESIGNED FOR INSTALLATION BY POURING

MAXIMUM SERVICE TEMPERATURE 1300 °C

METRIC UNITS

PROPERTY	TEMP	CAST DATA		UNITS
		RANGE	TYPICAL	
Bulk Density	110 °C	750 - 915	830	Kg/m ³
	815 °C	670 - 830	750	Kg/m ³
	1300 °C	640 - 800	720	Kg/m ³
Cold Crushing Strength	110 °C	28 - 41	38	Kg/cm ²
	815 °C	21 - 34	31	Kg/cm ²
	1300 °C	28 - 41	38	Kg/cm ²
Modulus Of Rupture	815 °C	7 - 10	8	Kg/cm ²
Permanent Linear Change	110 - 815 °C	-0.4 to -0.8	-0.6	%
	110 - 1300 °C	+0.4 to +1.0	+0.8	%
Porosity	815 °C	53 - 57	55	%
Conductivity or "K" factor	260 °C	-	0.16	w/mk
	540 °C	-	0.18	w/mk

CHEMICAL ANALYSIS

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	Alkalies
54.8	30.0	0.6	11.3	0.2	0.3	2.8

STANDARD PACKAGING 40 x 12.5Kg bags per pallet

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