

BASIC BRICKS

PRODUCT	MgO %(Min)	% (Min)	% (Min)	B.D. Gm/cc (Min)	A.P. % (Max)	CCS Kg/cm ² (Min)	RUL Ta°C (Min)	Thermal Conductivity (W/mk) at 1000°C	TSR-Air (Cycle)	% PLC at 1600°C/2h rs.
NOCROME-I	88	-	Al ₂ O ₃ : 6-7	2.95	18	500	1700	2.9	>100	+/-0.5
NOCROME-II	85	-	Al ₂ O ₃ : 10-12	2.95	18	500	1700	2.7	>100	+/-0.5
CEMAC-BZ	80	Cr ₂ O ₃ : 5-6	-	2.95	18	500	1680	2.1	>100	+/-0.5
CEMAC	70	Cr ₂ O ₃ : 8-10	-	2.90	19	400	1650	2.4	>100	+/-0.5
MAG-ZR	93	ZrO ₂ : 2.00	Fe ₂ O ₃ : 1.0	2.90	18	600	1700	2.8	>100	+/-0.5
HERMAG 85	85	Fe ₂ O ₃ : 3-5	Al ₂ O ₃ : 5-6	2.90	18	500	1650	2.5	>100	+/- 0.7
MAG-B 90	87	SiO ₂ : 0.50	CaO : 2.0	2.85	18	500	1600	2.6	-	+/-0.8

• These data are typical approximate guide value. Not to be construed as a binding specification. • Products with properties of higher values are available. • Products can be customised where applications require the same.

SPECIAL PRODUCTS (BRICKS)

PRODUCT	Al ₂ O ₃ % (Min)	Fe ₂ O ₃ % (Max.)	B.D. Gm/cc (Min)	A.P. % (Max)	CCS Kg/cm ² (Min)	RUL Ta°C (Min)	Thermal Conductivity (W/MK)	Remark
SKG-INSULTHERM	30	3.00	1.70	35	250	1350	0.6	For better energy saving
SKG-LCPB	75	2.00	2.75	18	500	1540	-	Phosphate bonded
SKG-ABRESIST	40	SiC. 35 Min	2.50	17	600	1550	-	For High Abrasion resistance

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ALUMINA BRICKS

PRODUCT	Al ₂ O ₃ % (Min)	Fe ₂ O ₃ % (Max.)	B.D. Gm/cc (Min)	A.P. % (Max)	CCS Kg/cm ² (Min)	RUL Ta°C (Min)	PCE (ORTON CONE)	PLC % (Max) at °C/2 hrs
SKG-30	30	2.50	2.00	23	250	1250	28	+/-0.5 AT 1250
SKG-35	35	3.50	2.10	23	300	1300	30	+/-0.5 AT 1300
SKG-40	40	2.50	2.15	22	350	1350	32	+/-0.5 AT 1350
SKG-45	45	2.50	2.20	22	350	1400	32	+/-0.5 AT 1400
SKG-50 LF	50	2.50	2.30	22	350	1450	33	+/-0.5 AT 1450
SKG-50 B	50	3.00	2.30	23	350	1450	32	+/-0.5 AT 1450
SKG-62 S	62	1.50	2.55	16	600	1500	36	+/-0.20 AT 1500
SKG-60 LF	60	2.50	2.50	22	450	1450	34	+/-0.5 AT 1450
SKG-60 B	60	3.00	2.50	23	400	1450	33	+/-0.5 AT 1450
SKG-70 S	70	1.00	2.55	20	800	1600	36	+/-0.20 AT 1600
SKG-72 LF	72	2.00	2.65	21	500	1500	35	+/-0.3 AT 1500
SKG-70 LF	70	2.50	2.65	22	500	1500	35	+/-0.3 AT 1500
SKG-70 B	70	3.50	2.60	23	400	1500	35	+/-0.3 AT 1500
SKG- 80 S	80	2.00	2.75	18	500	1550	38	+/-1.0 AT 1550
SKG-80 B	80	3.00	2.70	21	500	1550	36	+/-1.0 AT 1550
SKG-85 S	85	2.00	2.75	18	600	1550	38	+/-1.0 AT 1550

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FIRE CLAY, HIGH ALUMINA & BASIC MORTAR

PRODUCT	Max Service Temp. (°C)	Sintering Temp. (°C)	Max Grain Size (mm)	PCE (ORTON CONE)	Chemical	
					Al ₂ O ₃ % (Min)	MgO % (Min)
MASALA - 35	1450	1100	0.50	28	30	-
MASALA - 40	1450	1100	1.00	31	40	-
MASALA - 50 (S)	1550	1100	1.50	31	50	-
MASALA - 50 (B)	1550	1100	0.50	31	50	-
MASALA - 60	1600	1100	0.50	33	60	-
MASALA - 70	1600	1100	0.50	34	70	-
MASALA - 80	1700	1100	0.50	34	80	-
MASALA - HS	1550	1100	0.50	31	40	-
MASALA - INSUL	1350	1100	1.00	18	20	-
MASALA - MAC	1750	1600	0.50	34	-	80
MASALA - MAL	1750	1650	0.50	34	6	85

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METALLIC ANCHORS

GRADE	Cr % Max	Ni % Max	Continuous Service	Maximum Service
			Temp. ° C	Temp. ° C
SS 304	18 to 20	8 to 10.5	850	925
SS 310	24 to 26	19 to 22	1035	1150

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