

GUNNING MATERIAL

CUMIGUN



CHARACTERISTICS	UNIT	CUMIGUN CK 14 G	CUMIGUN HG 160 S	CUMIGUN HG 170 M	CUMIGUN CA 392 G
Maximum Service Temperature	°C	1500	1550	1700	1800
Maximum Grain Size	mm	5	6	6	6
Bulk Density dried at 110°C/24 hrs	gm/cc,min	2.00	2.25	2.30	2.90
Cold Crushing Strength	Kg/cm ²				
Dried at 110°C/24 hrs	min.	300	400	450	850
Fired at 1000°C/3 hrs	min.	175	-	300	600
Fired at 1500°C/3 hrs.	min.	400	350 at 1550°C	550 at 1550°C	900
Permanent Linear Change	%				
Fired at 1000°C/3 hrs	max.	+/-0.15	-	+/- 0.20	+/-0.25
Fired at 1500°C/3 hrs	max.	-1.5	+/-1.5 at 1550°C	+/-0.8 at 1550°C	+/- 1.4
Water Required for Gunning	%	10 - 15	7 - 8	7 - 9	7 - 10
	By Weight				
Chemical Analysis	%				
Al ₂ O ₃	min.	50	52	70	90
CaO	max.	42 (SiO ₂)	2.5	2.5	2.5
Fe ₂ O ₃	max.	1.3	1.0	1.0	0.8

Shelf Life : 6 months from the date of manufacture

Packing : In 50 Kg LDPE lined HDPE bags

Note : Water requirements indicated are based on standard test conditions. Actual water requirement may vary subject to site conditions. The properties shown are for vibratory cast material only unless specified otherwise.



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CERAMICS DIVISION



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