

GUNNING MATERIAL

CUMIGUN



CHARACTERISTICS	UNIT	CUMIGUN HG 160 S	CUMIGUN CA 392 G	CUMIGUN M 45 G	CUMIGUN M 35 G
Maximum Service Temperature	°C	1550	1800	1350	1300
Maximum Grain Size	mm	6	6	6	6
Bulk Density Dried at 110°C/ 24 hrs	gm/ cc; min	2.25	2.90	2.00	1.90
Cold Crushing Strength	Kg/ cm ²				
Dried at 110°C/ 24 hrs	min.	550	850	250	300
Fired at 1000°C/ 3 hrs	min.	450	600	-	-
Fired at 1500°C/ 3 hrs	min.	750 at 1550°C/ 3 hrs	900	250 at 1300°C/ 3 hrs	-
Permanent Linear Change	%				
Fired at 1000°C/ 3 hrs	max.	-	± 0.25	-	-
Fired at 1500°C/ 3 hrs	max.	±1.5 at 1550°C/ 3 hrs	± 1.40	±1.0 at 1300°C/ 3 hrs	±1.0 at 1250°C/ 3 hrs
Water Required for Gunning (By wt.)	%	7 - 8	7 - 10	11 - 13	15 - 19
Chemical Analysis	%				
Al ₂ O ₃	min.	55.0	90.0	45.0	35.0
CaO	max.	2.50	-	-	-
Fe ₂ O ₃	max.	1.00	0.80	4.00	-

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.



CARBORUNDUM UNIVERSAL LIMITED
SUPER REFRACTORIES



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