

CONVENTIONAL DENSE CASTABLES (Calcined Bauxite, Fused & Tabular Alumina Based)



CUMICRETE

CHARACTERISTICS	UNIT	CUMICRETE CA 392	CUMICRETE CA 392 S	CUMICRETE CA 90	CUMICRETE CA 66
Maximum Service Temperature	°C	1750	1700	1800	1800
Maximum Grain Size	mm.	6	6	5	6
Bulk Density Dried at 110°C/ 24 hrs	gm/ cc,min	2.75	2.70	2.75	2.80
Cold Crushing Strength	Kg/ cm ²				
Dried at 110°C/ 24 hrs	min.	500	550	650	600
Fired at 1000°C/ 3 hrs	min.	300	350	-	450
Fired at 1550°C/ 3 hrs	min.	550	550	-	700
Permanent Linear Change	%				
Fired at 1000°C/ 3 hrs	max.	± 0.20	± 0.30	-	± 0.20
Fired at 1550°C/ 3 hrs	max.	± 1.00	± 1.00	± 1.00	± 0.50
Recommended Water Addition (By wt.)	%	8-10	8-10	8-10	6.5-8.0
Chemical Analysis	%				
Al ₂ O ₃	min.	90.0	87.0	90.0	94.0
SiO ₂	max.	-	-	-	0.20
Fe ₂ O ₃	max.	1.00	1.50	0.60	0.10

Shelf Life : 9 months from the date of manufacture

Packing : In 50 Kg LDPE lined HDPE bags

Note : Water requirements indicated are based on laboratory 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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