BURAKAST - 50

(High Alumina Refractory Cement)

TECHNICAL DATA SHEET

1. CHEMICAL ANALYSIS (%)

Aluminium Oxide (Al_2O_3)	50 ± 2 %
Calcium Oxide (CaO)	34 ± 2 %
Iron Oxide (Fe_2O_3)	6± 1 %
Silicon Dioxide (SiO_2)	7 ± 1 %

2. PHYSICAL PROPERTIES

- **Setting Time**

Initial Setting Time	> 40 Minutes
Final Setting Time	< 240 Minutes

- **CCS** (1 : 3 vibrated mortar using standard graded sand)

1 Day (Cured at 20˚C ± 2˚C / 24 hrs)	30 - 40 MPa
2 Days (Cured at 110˚C / 24 hrs)	40 - 55 MPa

- **Additional Properties**

Specific Surface (Blaine)	3600 - 4100 cm^2/g
Residue on 90 µm (170 mesh)	≤ 5 %

Shelf Life : 6 Months from the date of manufacture