

BMW



Steels Ltd. Sadabad Gate, Hathras, U.P. 204 101 Ph. 232481, 234981, 232479
Web site bmwsteels.com; E-Mail bmwhathras@hotmail.com Fax No. (05722) - 232481, 234981

PROPERTIES OF ALUMINA 92TM

1. ALUMINIUM OXIDE	90 – 92 %
2. BULK DENSITY	>3.60 gm/cc
3. HARDNESS	>9 MOH'S SCALE
4. WATER ABSORPTION (Porosity)	LESS THAN 0.01 % (Nil)
5. COLD CRUSHING STRENGTH	>7000 Kg / Sq Cm
6. TEMPRATURE RESISTANCE	1200 Deg C
7. ABRASION BY RUBBING	0.1 gm (Max)
8. JET EROSION (Impingment)	0.05 gms/ 30 sec
9. COLOUR	WHITE
10. OPERATING TEMP.	100 DEG C
11. THERMAL SHOCK	200 Deg C.
12. FLEXURAL STRENGTH	290-330 MPa
13. SERVICE	Pulverised Coal
14. DUTY	Continuous