

Test Report of Ground Granulated Blast Furnace Slag (GGBFS)

Sr.No	Characteristic	Range (%)	Result (%)
1	SiO ₂	32 to 38	35.40
2	Al ₂ O ₃	14 to 18	17.40
3	CaO	32 to 38	36.87
4	MgO	6 to 10	6.83
5	Fe ₂ O ₃	0.70 to 1.50	1.40
6	MnO	0.30 to 0.90	0.35
7	TiO ₂	0.10 to 0.50	0.11
8	Alkalis	0.20 to 0.50	0.20
9	Sulphide Sulphur	0.20 to 0.50	0.24
10	Insoluble Residue	1 to 1.50	1.40
11	Loss on Ignition	0.50 to 0.80	0.50
12	Specific Surface (cm ² /gm)	3200 to 4100	4088
13	Specific Gravity	2.70 to 2.95	2.80
14	Bulk Density T/M ³	1.1 to 1.3	1.15
15	Residue on 45Micron Sieve	4 to 9	4.00
16	Glass Content	90 to 94	93.50

Yours Truly,

**For
ROYAL MINERAL**




Irfan Jat