

TEST CERTIFICATE

JSW
Ground Granulated Blast Furnace Slag

Sr. No.	Characteristic	Requirement as per BS:6699	Test Result
1	Fineness (M ² /KG)	275 (Min.)	390
2	Residue		
	Residue by wet basis on 45μ (%)		6.50
3	Initial Setting Time (Min)	Not less than IST of OPC	185
4	Insoluble Residue (%)	1.5 (Max.)	0.27
5	Magnesia content (%)	14.0 (Max.)	8.09
6	Sulphide Sulphur (%)	2.00 (Max.)	0.52
7	Sulfate content (%) as SO ₃	2.50 (Max.)	0.23
8	Loss on Ignition (%)	3.00 (Max.)	1.33
9	Manganese content (%)	2.00 (Max.)	0.23
10	Chloride content (%)	0.10 (Max.)	0.001
11	Moisture content (%)	1.00 (Max.)	0.03
12	Glass content (%)	67 (Min.)	98.70
13	Compressive Strength (N/mm ²)		
	After 7 days	12.0 (Min.)	UT
	28 days	32.5 (Min.)	UT
14	Chemical Moduli		
(A)	CaO + MgO + SiO ₂	66.66 (Min.)	77.65
(B)	CaO + MgO/SiO ₂	>1.0	1.25
(C)	CaO/SiO ₂	<1.40	1.01

Note : There is No Indian Standard on GGBS. For reference BS specification is given.

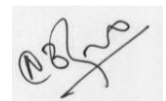
Granulated slag used for JSW Steel Ltd., GBS conforms to IS 12089:1987.

* COMPRESSIVE STRENGTH , SOUNDNESS AND INITIAL SETTING TIME ON BLEND OF 70% GGBS : 30% OPC.

Week No.: 8 | Month: 2 | Year: 2016

Date of Dispatch

Truck No



Associate Vice President