

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.)	384.00
2	Specific Gravity		2.90
3	Residue by wet sieve on 45μ (%)		4.60
4	Initial Setting Time (Min)	Not less than IST of OPC	185
5	Insoluble Residue (%)	1.5 (Max.)	0.22
6	Magnesia content (%)	14.0 (Max.)	8.01
7	Sulphide Sulphur (%)	2.00 (Max.)	0.52
8	Sulfate content (%) as SO ₃	2.50 (Max.)	0.23
9	Loss on Ignition (%)	3.00 (Max.)	0.38
10	Manganese content (%)	2.00 (Max.)	0.23
11	Chloride content (%)	0.10 (Max.)	0.001
12	Moisture content (%)	1.00 (Max.)	0.04
13	Glass content (%)	67 (Min.)	98.40
14	Compressive Strength (N/mm ²)		
	After 7 days	12.0 (Min.)	25.22
	28 days	32.5 (Min.)	44.73
15	Chemical Moduli		
(A)	CaO + MgO + SiO ₂	66.66 (Min.)	79.84
(B)	CaO + MgO/SiO ₂	>1.0	1.25
(C)	CaO/SiO ₂	<1.40	1.03

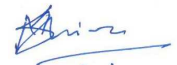
**Note :There is No Indian Standard on GGBS. For reference BS specification is given.
Granulated slag used for JSW Steel Ltd.,GBS conforms to IS 12089:1987.**

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

Week No.: 26	Month: 6 & 7	Year: 2017
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Address:

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