

HeidelbergCement Georgia LTD. Rustavi cement Plant Laboratory

Tests for Cement phys-mechanical properties

Sample #	Cement type	EN 196-1	Device CST	EN 196-1	Device CST
		Comp. strength 7Days. MPA	Comp. strength 7Days. MPA	Comp. strength 28Days. MPA	Comp. strength 28Days. MPA
1	CEM II B/P 32.5N	38.5	36.8	46	44
2	CEM I 42.5R	38.8	36.1	51.1	53.5
3	CEM II B/P 32.5N	34.3	35.6	45.1	43.3
4	CEM I 42.5R	45	42.1	54.4	53.5
5	CEM II B/P 32.5N	36.1	38.8	46.8	44.6
6	Clinker (Lab mill)	43.1	41.1	57	56.2
7	Clinker (Lab mill)	38.9	34.3	51.9	49.6
8	CEM II B/P 32.5N	27.9	26.3	37.8	38.4
9	CEM II B/P 32.5N	26.8	26.8	37	38.7
10	Clinker (Lab mill)	39.2	36.1	50.9	48.4
11	CEM II B/P 32.5N	30.3	28.6	39.9	38.6
12	CEM I 42.5R	39.2	38.1	53.5	51.4
13	CEM II B/P 32.5N	33.2	31.4	46.6	46
14	Clinker (Lab mill)	38.9	39.8	48.5	47.8
15	CEM I 42.5R	42.3	44.9	49.2	53.6
16	CEM I 42.5R	43.6	44.2	52	52.8
17	CEM II B/P 32.5N	29.8	28.9	38.8	38.3

Laboratory manager:



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13/05/2015