



KAVOOS TRADING

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Date:

Sr. No.:

Chemical Analysis	*	**	Range of Test Result	Physical Specification		*	**	Range of Test Result
Sio2 %	.....	.....	21.5-22.5	Autoclave Expansion %		< 0.8	10mm	0.02-0.1
Al2o3 %	.....	.....	5.1-5.7	Setting Time (min)	Initial	> 45	45	60-80
Fe2o3 %	.....	.....	0.45-0.55		Final	< 480	.....	110-150
Cao %	.....	.....	64-65.5	Blaine (cm2/gr)		> 3000	.....	3600-4000
Mgo %	< 5	5	1.8-2.5	Free Lime %		.....	.....	1.8-2.5
So3 %	< 3.5	4	2.5-3.5			.....	.....	1.8-2.5
LOI %	< 3	5	2-3	Compressive Strength kg/cm2	3 Days	> 110	....	180-220
Ins.Res %	< 0.75	5	0.2-0.5		7 Days	> 175	....	280-320
Na2O %	.....	.....	0.08-0.15		28 Days	> 315	425	400-450
K2O %	.....	.....	0.2-0.3					
Whiteness	.....	.....	90-92					
LSF	.....	.....	28-32					
SIM	.....	.....	3.5-4.0					
ALM	.....	.....	11-14					
C3S %	.....	.....	51-55					
C2S %	.....	.....	22-27					
C3A %	.....	.....	13-15					
C4AF %	.....	.....	1.3-1.8					