



CERTIFICATE OF ANALYSIS

The name and the international standart of the sample: **TS EN 197-1 CEM I 42.5 R**
Date Of Production : 10.05.2011
Methods of Testing Cement: EN 196-1,196-2,196-3

PHYSICAL ANALYSIS					
Fineness		Setting		Hour-Minute	
200 μ	0,1	Setting Initial		02:30	
90 μ	1,3	Setting Final		03:15	
			Specific gravity g/cm ²		3,11
Le Chatelier mm		1	Specific Surface-Blaine cm ² /gr		3346
STRENGTH TESTS			CHEMICAL ANALYSIS %		
Bending Strength N/mm ²			SiO ₂	Soluble	20,35
2 DAY	7 DAY	28 DAY		In soluble	2,34
4,3	5,9	7,2		Total	22,69
				AL ₂ O ₃	5,48
24,0		51,5		Fe ₂ O ₃	3,19
				CaO	61,87
				MgO	1,02
				SO ₃	3,07
				Loss on Ignition	3,51
				On countable	
				Free Lime	2,18
				Lime Standart	
C ₃ S	54,32				
C ₂ S	10,13				
C ₃ A	4,58				
C ₄ Af	10,24				
Cl	0,0174				

ICK CIMENTO INSAAT GIDA SANAYI VE TICARET LTD. STI.

Kustepe yolu Tomurcuk Sk., Izmen Sitesi B1 Blok, K: 10 D: 104
Mecidiyekoy/Istanbul, Turkey