



# بيتروكام تونس

## PETROCHEM TUNISIA

### CEMENT CLASS " G "

#### CHEMICAL PROPERTIES (%)

IR	0,1
SiO2	21,68
Al2O3	3,28
Fe2O3	4,39
CaO	64,43
MgO	1,14
SO3	2,77
Mn2O3	0,07
P2O5	0,42
TiO2	0,20
K2O	0,26
Na2O	0,05
Chloride	0,01
LOI	1,05
TOATL	99,85
Free Lime	0,55
Equ, Na2C	0,22

#### BOGUE COMPOSITION (%)

C3S	56,6
C2S	19,4
C3A	1,3
C4AF	13,3
2C3A + C4AF	15,9

#### PHYSICAL PROPERTIES

Density, g/cm3	3,17
Surface area, m2/kg	397
> 45 microns	
Shedule 5 neat, mn	117
Max consistency at 30mn, Bc	

#### HALLIBURTON RETARDER RESPONSE

Test1 with 0,2%	
HR4:	01:41
Test2 with 0,3%	
HR4:	02:42

#### Compressive strenth tests

100° F	453
140° F	2488

#### Free fluid test, %

3,1

#### REOLOGICAL PROPRTIES BY FANN VISCOMETR

RPM	MIX	130° F
600	60	146
300	30	143
200	23	135
100	15	118
60	11	108
30	9	83
6	6	27
3	5	18