

Test Report

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MO1 3519 01 2023 HYBUILD construction chemicals Request Orders 11/1/2024 (HYMIX G5080, HYMIX G5090, HYMIX G550), according to ASTM C494 The detailed test results are given on the following pages of this report (4 pages).					
* Mis. Sara Abdel Reheam – Naglaa Mohamed Noha Samir * Mis . Fatma El – Zahraa Fikry * H.Eng. Ahmed Said * Chem. Amr El Shafey * Dr. Abou El Ftouh Abd El Hakem					
Prof. Dr. Mostafa Zaki Mostafa * The Supervisor of ceramics, Polymer and Solid Matter Department. * Management Representative and Quality Assurance Manager. 18/2/2024 The test speciemen was conditioned at 23 °C with a humidity of 60 % and the needed calibrations as well as balancing of the all used					

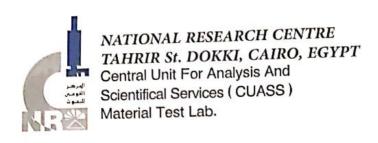
شارع التحرير - الدقى - القاهرة

داخلی ۱٤۲٤

machines were always done.

TV1. VOE1 - TTTOO 197





To / HYBUILD construction chemicals

Dear Sir.,

With correspondence to your request dated 11/1/2024 concerning the testing samples of (HYMIX G5080 , HYMIX G5090 , HYMIX G550) , according to ASTM C494 , We would like to inform you that the all following needed tests were carried out which namely:-

- 1- Density test.
- 2- PH test.
- 3- Ash content test.
- 4- Solid content test.
- 5- Cl content test.
- 6- Water content test.

We would like to inform you that the all needed tests were carried out taking into consideration the following conditions:

- 1- On heating Muffle Furnace Type Vecstar was used .
- 2-Weighing Balance with tolerance+0.0001 gwas used in determining the weights
- 3-Measuring drum of sensitivity ± 0.01 mm was used fo dimensions evaluation .
- $4 ext{-}$ The all used Machinery and the apparatus were calibrated periodically .

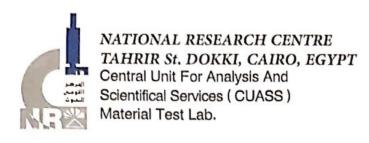
The following table gives the obtained results representing the sample produced by your company.



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Test Results on (3) samples

according to ASTM C494

Delivered from HYBUILD construction chemicals

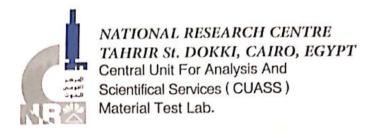
No.	Tests	HYMIX G5080	HYMIX G5090	HYMIX G550
1	Density (g/cm3)	1.199	1.217	1.162
2	PH	6.61	6.71	6.33
3	Ash content (%)	29.82	31.13	30.38
4	Solid content (%)	37.37	40.42	32.54
5	Cl content (%)	0.09	0.11	0.08
6	Water content (%)	62.63	59.58	67.46



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This report was given to you representing only the results for testing samples of (HYMIX G5080, HYMIX G5090, HYMIX G550), according to ASTM C494, Delivered from A HYBUILD construction chemicals, These results and conclusions were given to you without any responsibility on THE CERAMICS, POLYMERS AND SOLID MATTER DEP. of THE MATERIAL TEST LAB in THE NATIONAL RESEARCH CENTRE for pick up the samples to be tested.

Head of Director of The Board of Central Depertment for Scientifical Analysis and Tests

SUPERVISOR OF Material Test Lab

PROF.DR. MOSTAFA ZARI MOSTAFA

شارع التحرير - الدقى - القاهرة

مباشر مباشر

داخلی ۱۸۱۰ ۱٤۲٤

