



Test Report

Report No.

MOI 4519 12 2020

Client

Tri-chem Construction chemicals

Authority & date

Request Orders Date 13/12/2020

Items Tested

Tri- Hard Top

Results

The detailed test results are given on the following pages of this report (3 pages)

Report Typist

* **Mis. Naglaa Mohamed-Sara Abdel Reheam**

Test carried

* **Mis. Fatma El – Zahraa Fikry**

and supervised by

* **H.Eng. Ahmed Said**

* **Chem. Amr El Shafey**

* **Dr. Abou El Ftouh Abd El Hakem**

Authorized by

Prof. Dr. Mostafa Zaki Mostafa

* **The Supervisor of Ceramics, Polymer and Solid Matter Department.**

* **Management Representative and Quality Assurance Manager.**

Issue date

3/2/2021

Condition of Test & Issue

The test specimen was conditioned at 23 °C with a humidity of 60 % and the needed calibrations as well as balancing of the all used machines were always done .





To / Tri-chem Construction chemicals

Dear Sir.,

With correspondence to your request dated 13/12/2020 concerning the sample of Tri- Hard Top , We would like to inform you that the all following needed test were carried out which namely:-

1- Abrasion Resistance test according to ASTM D4060 .

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

- 1- In Abrasion resistance machine type Models 505 DUAL APRASION Tester.
- 2- Weighing Balance with tolerance + 0.0001 g was used in determining the weights
- 3- The all used Machinery and the apparatus were calibrated periodically .

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

Abrasion resistance test according to ASTM D4060

No. of cycle	Used wheel	Weight (g)	Weight loss (mg)
1000	CS 17	1000	179.3





NATIONAL RESEARCH CENTRE
TAHRIR St. DOKKI, CAIRO, EGYPT
Central Unit For Analysis And
Scientific Services (CUASS)
Material Test Lab.

المركز القومي للبحوث

الدقى . القاهرة . جمهورية مصر العربية
وحدة التحاليل والخدمات العلمية المركزية
معمل اختبار المواد



*This report was given to you representing only the results for the sample of Tri- Hard Top, Delivered from Tri-chem 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 Department
for Scientific Analysis and Tests**

&

SUPERVISOR
**OF CERAMICS, POLYMER AND
SOLID MATTER DEPARTMENT**

PROF.DR. MOSTAFA ZAKI MOSTAFA

