

TENNECO Chemicals, Inc.
 Plastics Division

P.O. Box 116
Burlington, N. J. 08016
609-386-9200

September 16, 1971

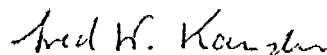
Mr. R. K. Simmons
Diamond Shamrock
Technical Service Center
P.O. Box 191
Painsville, Ohio 44077

Dear Mr. Simmons:

Under separate cover we are forwarding to you three samples of your sodium carbonate. Each sample is from a different bag. Unfortunately no lot numbers were noted on the bags. In addition, we have enclosed for your information the test method for ferro magnetic contamination.

We are looking forward to hearing from you.

Very truly yours,


Fred W. Kanzler

FWK/sys

cc: Herb Carr

/File

COLORITE 014296

TENNECO Chemicals, Inc.



Plastics Division

P.O. Box 116
Burlington, N. J. 08016
609-386-9200

September 15, 1971

Mr. James Corley
Celanese Chemical Company
P.O. Box 58009
Houston, Texas

Dear Mr. Corly:

Based on our telephone conversation with Mr. Morton of your New York office, we are forwarding to you, via REA air express, two (2) samples of VAcM. We certainly appreciate your cooperation in analyzing these samples. As mentioned to Mr. Morton, we are interested in the levels of the aldehydes as well as the amount of hydroquinone and the acidity of the samples.

Should you have any questions, please feel free to contact me. Thanks again for your cooperation.

Very truly yours,

TENNECO PLASTICS DIVISION
Tenneco Chemicals, Inc.

F.W. Kanzler

FWK/jt

cc: H.B. Carr

COLORITE 014297

TENNECO CHEMICALS, INC.

A Major Component of TENNECO INC.



TENNECO PLASTICS DIVISION
P.O. Box 116, Burlington, N. J. 08016

September 10, 1971

Mr. Keith Galloway
Dow Chemical Company
Building 374
Midland, Michigan 48640

Dear Mr. Galloway:

As you requested at our meeting in Piscataway, New Jersey in August, we are enclosing a copy of our metallic contamination test method.

We hope that, through use of this method, you will be able to provide necessary support to your processing people's effort in reducing metallic contamination in your methocel.

If there are any questions, feel free to contact me.

Very truly yours,

TENNECO PLASTICS DIVISION
Tenneco Chemicals, Inc.

H.B. Carr, Manager
Quality Control

Enclosure.

HBC/jt

cc: H.R. Horton
F.W. Kanzler

✓ *File*

COLORITE 014298

TENNECO PLASTICS DIVISION

TENNECO CHEMICALS, INC.

QUALITY CONTROL

TESTING METHOD

DATE: September, 1971

METHOD NO.: 2-3

TITLE: Contamination Using Syntron Vibrator

SCOPE: This test has been designed to determine the contamination level in resins and raw materials. The contamination may appear as dark specks or other foreign contaminants. A count of the specks is made as the resin or raw material flows down a Syntron vibrator chute. A magnet is placed at the end of the Syntron chute to collect ferro magnetic particles. The ferro magnetic particles adhering to paper-covered shim stock seated against the magnetic poles are counted.

APPARATUS:

1. Syntron Vibra Flow Feeder (Model F-T01A, Syntron Co., Homer City, Pa.) with gate installed in the vibrator, 6 inches from the back and 0.017 inch clearance.
2. Magnet (Cat. 70, 810, Edmund Scientific, Inc., Barrington, N.J. 08007).
3. Lamp (Burton Model 1300) or equivalent.
4. Balance, with a readout to ± 0.1 gm.
5. Paper, light blue.

CHEMICALS: Resin or raw material to be tested.

PROCEDURE:

1. In a dirt- and dust-free area, set up the Syntron and the light source on a firm level table.
2. The gate of the chute of the vibrator should be 6 inches from back side of inclined vibrator end. (This enables the total resin to be added all at once.)
3. The gate must be set with a feeler gauge to 0.017 inch clearance, which is equivalent to a

40 mesh screen size. (If adjustments are needed, the lab supervisor must be notified.)

4. Weigh individually 100 grams of sample for the visual contamination check and one-pound sample for the ferro magnetic check. Perform each test by separately pouring the samples into the chute.

Note: Make sure the paper on the magnet is cleaned of magnetic particles between each run.

5. Place a container at the end of the Syntron to catch the sample flowing down the vibrator.
6. Turn on the vibrator.
7. As the material vibrates down the chute, make a count of all contamination particles. Check the magnet for ferro magnetic contamination and take a count.

Note: A small screw driver may be used to assist in counting and confirming the ferro magnetic nature of the particles adhering to the magnet. This is accomplished by approaching the contaminant in question and if it is ferro magnetic it will be attracted by the screw driver.

REPORT: Number of total contamination over magnetic count.

Example: 5 total contaminants counted, of which 2 were found on the magnet: report as follows: 5/2.

Attachment.

H.B. Carr

H.B. Carr
Manager - Quality Control

REASON FOR REVISION: Change in SCOPE, APPARATUS and PROCEDURE.

SUPERSEDES ISSUE OF: August, 1971

INTER-OFFICE MEMO

TENNECO CHEMICALS, INC.

TO Route List AT DATE September 10, 1971
FROM H.B. Carr AT Burlington COPY TO Distribution
SUBJECT Change to Testing Method 2-3 Listed Above

Attached is a revision to be placed in Section 2 of your Quality Control Manual. The revision showed a change in SCOPE, APPARATUS and PROCEDURE.

This issue supersedes the one dated August, 1971. Please discard your obsolete issue and insert the current one.

H.B. Carr
H.B. Carr

Attachment.

HBC/jt

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TENNECO CHEMICALS, INC.

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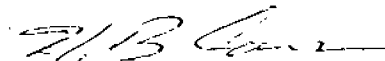
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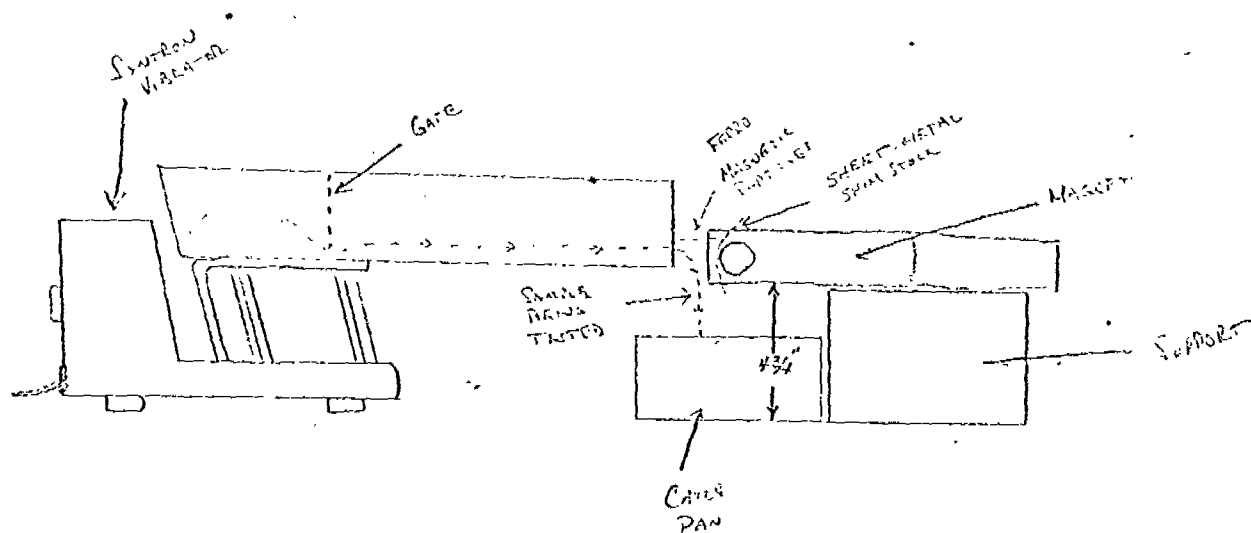
Attachment.



H.B. Carr
Manager - Quality Control

REASON FOR REVISION: Change in SCOPE, APPARATUS and PROCEDURE.
SUPERSEDES ISSUE OF: August, 1971

SIDE VIEW



TOP VIEW

