

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO H.B. Carr AT Burlington DATE April 28, 1971
 FROM H.R. Horton AT Burlington COPY TO F.W. Kanzler
 SUBJECT Monthly Progress Report ✓File
 March, 1971

Production was notified on 4/27/71 of the apparent trends on the following type resins:

Resin Type

384	Bulk density and +80 screen to the low side.
385	Bulk density and brabender to the low side. Relative viscosity and +80 screen slightly low.
314	Bulk density, +100 screen and brabender to the low side.
315	Bulk density and brabender to the low side. Relative viscosity and +100 screen slightly low.
389	Relative viscosity and +80 screen to the high side. Brabender to the low side.
250-12	Dry blend to the low side. Relative viscosity slightly low. Gels to the high side.
225/16R	Dry blend not in good control (scattered throughout spec range). Gels slightly high.
250	Dry blend to the low side. Relative viscosity slightly high.
0565	Relative and Brookfield viscosities to the low side. Severs viscosity to the high side.
1730	Brookfield and Severs viscosities to the high side.
1755	Severs viscosity to the high side.

During the reporting period, a quick GC method to assure that samples of monomer cars contain MVC was developed by the Analytical Control Group, and has been issued as a standard QC test. The method has been instituted, and all technicians will be trained by 4/30/71.

COLORITE 014214

New methods for determining and reporting clarity on Dispersion resin were discussed, and some possible standards were reviewed with CSL in an attempt to characterize clarity, haze and graininess in the films. A new procedure for reporting their values will be initiated in the near future.

In a further attempt to assist CSL in characterizing clarity in additive type resins, a new procedure for reporting Hegman values on AR901 resin will be initiated soon. Initially, we will attempt to report Hegman values at an approximate pound level through the lot. For example, at 1,000 pounds produced, Hegman value 6 and at 2,000 pounds produced, Hegman value 5, etc.

A new testing frequency for BR521 has been started. The testing will be once per day between 8:00 A.M. and 12:00 P.M. for Brookfield, Severs and particle size. Brookfield and Severs will be averaged for the lot as in Dispersion resin lots.

Harry D. Horton
H.D. Horton

Attachments (4).

HRH/jt

A

SUBJECTIVE:

STATUS AS OF:

QTS:

TENNECO PLASTICS DIVISION

QUALITY CONTROL

PROJECT NUMBER: 10-052 ISSUED BY: H. B. Carr DATE STARTED: 7/29/70
I. NUMBER: BQC6 TO: E. L. Kanyok EST. COMP. DATE:
TITLE: Gelation Time of Dispersion Resins APPROVED: DATE COMP.:
NOTEBOOK REF: EST. MAN-HOURS:
MAN-HOURS:

OBJECTIVE: Per Customer Service Laboratory. Evaluate the test procedure for gelation time of dispersion resins.

STATUS AS OF:

3/25/70 Aluminum block received 8/24/70. Work started on this project on 8/25/70.
9/25/70 Several tests have been run on different types of resins. The procedure presently used is not practical for a standard Q.C. test. A technician running this test would be unable to do anything else until the test was complete (approximately 20 to 30 minutes).
10/25/70 No report this period.
11/25/70 No report this period.
12/23/70 No report.
1/25/71 CSL will be looking into hot bar fusion test.
2/25/71 No report.
3/25/71 No report.
4/25/71 No report this period.

NOTES:

TENNECO PLASTICS DIVISION
QUALITY CONTROL

PROJECT NUMBER: 10-052 ISSUED BY: HBC DATE STARTED: 4/5/70
NUMBER: BQC3 TO: ELK EST. COMP. DATE: 8/15/70
TITLE: Faster 1-Day APPROVED: DATE COMP.:
Brookfield Test NOTEBOOK REF: EST. MAN-HOURS: 30
MAN-HOURS:

OBJECTIVE:

Per D.I. Smalley's suggestion, evaluate faster 1-day Brookfield tests.

STATUS AS OF:

6/25/70 Three lots of 1742 have been evaluated with excellent correlation o
Brookfield viscosity. No correlation on Severs viscosity. Tried
different levels of BBP and DOP and different aging times with no
success. More tests will be run on 1742 as well as other types of
Plastisol to be sure that we have a correlation (Brookfield) on all
types of resins. No work done on this project for approximately
three weeks. Been tied up with special request. Estimated comple-
tion date 8/30/70.

7/25/70 No work done during this reporting period.

8/25/70 No report this period.

9/25/70 No report this period.

10/25/70 No report this period.

11/25/70 No report this period.

12/23/70 No report this period.

1/25/71 No report this period.

2/25/71 No report this period.

3/25/71 No report this period.

4/25/71 No report this period.

NOTES:

COLORITE 014218

THE UNIVERSITY OF CHICAGO

MONTH ENDING: 4/25/71

[illegible]

157.5

Section Manager:

Column Code: C.C. = Cost Center
M.P. = Major Program
PROJ. = Project No.

QUALITY CONTROL

RE: G.C. TECHNICIAN
(Print)

ALLOCATION OF PAID HOURS

MONTH ENDING: 4/25/71

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	PLANT	C.C./ M.P.	PROJ.	TOTAL HOURS
																															10	010	693.7
																															30	010	308.3
																															30	010	539.5
																															10	054	31.0
																															20	054	1.0
																															30	054	5.0
																															10	050	9.5
																															20	050	8.5
																															30	050	10.5
																															10	051	7.0
																															00	056	26.0
																															99	14	8.0

Major Program 99 for the following:

Total 1648.0 100.0

GRAND TOTAL

1648.0

- Company Business
- Discipline
- Death in Family
- Holiday
- Jury Duty
- Leave of Absence
- Military Duty

- O - Occupational
- P - Personal
- S - Sickness
- U - Unexcused
- V - Vacation
- X - Scheduled Off

Employee Signature: _____

Section Manager: _____

Turn Code: C.C. = Cost. Center
M.P. = Major Program
PROJ. = Project No.