

To: H. C. Gaffney

Date: 3/23/84

Location: Chicago Plant

Copy to: R. Johnson
F. F. Loffelman
J. A. Stretanski

From: J. F. Daly

Location: Chicago Plant

Extension:

Subject: MONTHLY REPORT FOR MARCH, 1984

Reference:

A. TECHNICAL PROJECTS

1. PPG

In an effort to determine the effect of various process parameters on oil absorption, all log sheet and test data on Lead Carbonate batches produced since August 1983 have been gathered and entered into the computer. We are still analyzing these data, but have found no significant correlations so far.

PPG has offered to assist us in developing a viscosity measurement method for controlling the end point of the carbonation. We will be sending samples of slurry to their Springdale, Pa research center.

2. TENNECO

Volume resistivity testing was repeated on Cyastab 523-0 versus Tribase XL- oiled, using the testing procedures specified by Tenneco (75 mil plaques, 50°C). We still find the complaint lots of 523-0 to be equivalent to Tribase XL- oiled. The difference seen by Tenneco must be peculiar to their formulation.

3. WAXED EXTRUDATES

A 100 lb. sample of Cyastab XW (Sulfo - Phthalate Extrudate) was made for Cerock. We have also shipped them 5000 lbs. each of Cyastab SW, TW, and CW. All of the above were 4 mm strands.

3. WAXED EXTRUDATES

Recently we witnessed a trial of another piece of equipment for producing 1 mm extrudate at Bepex, Santa Rosa, Ca.

This is the equipment recommended to Howard Luke by Rohm GMBH.

The trial was quite encouraging, although considerable further work will be required to come up with a completely satisfactory system.

4. WRITER NLS

Raw materials have been ordered and operating instructions written for a trial run of Normal Lead Stearate in the plant Cowles reactor.

B. PLANT GENERAL

1. COMPUTER

The inventory program is in use and functioning satisfactorily. Some further modifications are contemplated to increase its utility.

The energy and labor usage program is still awaiting testing.

The air - pallet control program is currently under development.

2. AUTOMATIC SAMPLING

Technical details of an automatic sampling system for stabilizers are being worked out prior to submission of a job order.

C. TRIPS AND CUSTOMER CONTACT

1. TRIPS

The writer visited Bepex, Santa Rosa, Ca to observe a trial of equipment for the production of waxed extrudates. Details are reported above.

CYWI 1-000143

C. TRIPS AND CUSTOMER CONTACT (continued)

2. CUSTOMER CONTACT - TELEPHONE

A. Spoke to Emma Conley, Dayton Chemical, West Alexandria, Oh regarding a replacement for Dyphos. Sample and Literature of Cyastab 712 sent.

B. Sae Dong Lee, Zenith Radio, Glenview, Il called regarding Lead Carbonate for TV tubes. Cyastab 40 sample and literature sent.

C. Curtis Young, Mercury Paint, Brooklyn, N.Y. called to ask the % PbO in Scotch Laddie #15.

D. George Medford, GE- Silicones, Waterford, N.Y. called looking for Normal Lead Carbonate. We could not be of help.

E. Numerous conversations with PPG personnel were held regarding Cyastab 40.


J. F. Daly

JFD:db

CYWI 1-000144