

TO H. B. Carr

AT Flemington

DATE August 27, 1971

FROM F. W. Kanzler

AT Burlington

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SUBJECT Equipment

The following is a list of the specialized equipment available for analysis and testing at the Burlington Laboratories:

1. Analytical Equipment

- a. Hewlett-Packard 5750 gas chromatograph with flame ionization and thermoconductivity detector
- b. Perkin-Elmer 810 gas chromatograph with flame ionization and thermoconductivity detector
- c. Victoreen 4000 gas chromatograph with flame ionization detector (not used at present)
- d. Gow-Mac 69-500 gas chromatograph with thermoconductivity detector.
- e. Perkin-Elmer 700 infrared spectrophotometer
- f. Sargent Model D recording titrator (not used at present)
- g. Beckman KF-2 aquameter
- h. Bausch-Lomb zoom microscope with Polaroid attachment
- i. Teledyne Instruments trace oxygen analyzer
- j. International Clinical Centrifuge
- k. Brabender Moisture Tester(2)
- l. Bausch-Lomb Abbee refractometer
- m. Bausch-Lomb Spectronic 20 spectrophotometer
- n. Burrell-Severs Rheometer
- o. Brookfield Syncro-Lectric viscosimeter
- p. Blue M constant temperature bath

- q. Cannon constant temperature bath (2)
- r. Electronic Instruments Model 29U VR meter (twenty million megohmmeter)
- s. Ro-tap (2)
- 2. Process Equipment
 - a. Brabender Extruder and equipment for take-up and tape die
 - b. Brabender Plasticorder with roller and sigma head
 - c. Aminco bottle polymerizer (not used at present)
 - d. Reliable hydraulic press, 60 tons
 - e. Reliable roll mill

F. W. Kanzler
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FWK/sys

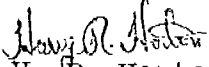
QUALITY CONTROL NOTES

August 26, 1971

BURLINGTON

- General 1. Effective today the following contamination checks will be performed on all suspension type resins:
- a. A 100 gram sample will be subjected to routine contamination testing, which will be reported and used for grading purposes.
 - b. A 1 lb. sample of each dryer, transfer and bulk load sample, and every fifth bagging pallet sample will be subjected to ferro-magnetic contamination testing.

After sufficient data has been gathered an evaluation of the 1 lb. contamination will be made to establish a specification for ferro-magnetic contamination for 1 lb.


H. R. Horton

HRH/sys

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