

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

To E. Farber
FROM J. C. Fisher
SUBJECT DOW VCM

AT Flemington
AT Flemington

DATE June 6, 1969
COPY TO P. F. Albanese
H. B. Carr
F. W. Kanzler
M. W. Williams

Project: 001

In your memo of June 5, 1969 on Dow VCM, you report that two tank cars of Dow VCM gave bottle polymerization conversions of 69-70% after 7.5 hours versus 65-66% for Flemington monomer. This was considered an 8% increase in polymerization kinetics. We should probably consider the fact that we are comparing kinetics at a relatively steep portion of the kinetic curve. Therefore, we may show significant difference in actual percent conversion, but does this necessarily mean that there would be a significant (8%) difference in total polymerization time in the plant at a normal 80-90% conversion?

J. C. Fisher
J. C. Fisher *lac*

JCF/lac