

U. S. INDUSTRIAL CHEMICALS CO.

DIVISION OF NATIONAL DISTILLERS AND CHEMICAL CORPORATION

RESEARCH DEPARTMENT • 1275 SECTION ROAD • CINCINNATI 37, OHIO

May 14, 1964

Dr. W. R. Harlan
Director of Research
American Tobacco Co.
400 Petersburg Turnpike
Richmond 24, Virginia

Dear Dr. Harlan:

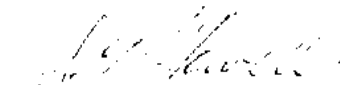
In a recent telephone conversation our Associate Director of Research, Mr. R. G. Newberg, and your Mr. Harlow discussed the possible applications of fine polyethylene powder. This material is composed of 8-10 micron spherical particles, and is unique in that it can be applied dry or from aqueous or organic suspensions. One of the uses discussed was as a thermoplastic adhesive for bonding activated charcoal or fibers in cigarette filters. There is also the possibility that selective adsorption of tars might be accomplished.

At Mr. Harlow's suggestion we are sending you samples of polyethylene and Ultrathene copolymer powders. Enclosed is a brief brochure describing the homopolymer powder which is designated Microthene 711-939. You will note that these powders may be applied dry or in aqueous or organic suspensions. Bonding is achieved by heating to 300°F. for short periods.

If there are any questions about the product, or methods of dispersion or application, please do not hesitate to call on us.

Very truly yours,

U. S. INDUSTRIAL CHEMICALS CO.


S. G. Howell
Research Division

SGH/gr

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