A Bibliography on Polytetrafluoroethylene (Teflon) Plastics

by

J. T. Milek, H. E. Wilcox and M. Bloomfield

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Hughes Aircraft Co.
November, 1965
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This bibliographic compilation closes the gap which exists in the open literature with respect to information on the chemistry, properties (chemical, electrical, mechanical, thermal), applications, polymerization of polytetrafluoroethylene plastics. Persons interested in any special property, fabrication process, applications, crystallographic information on polytetrafluoroethylene plastics will find herein a concentration of reference literature.

A preliminary survey by one of the authors (John T. Milek, "Polytetrafluoroethylene," Electronic Properties Information Center, Hughes Aircraft Company, Culver City, Calif., EPIC Report DS-106, September 1964, AD 413907) revealed that no comprehensive book or report had been prepared on this plastic in many years. The bibliography references compiled herein were obtained from the following indexing and abstracting services:

1. Applied Science & Technology Index
2. Bibliographic Index
3. British Technology Index
4. Business Periodicals Index
5. Chemical Abstracts
6. Engineering Index
7. Engineering Index (Electrical/Electronics)
8. Engineering Index (Plastics)
10. International Aerospace Abstracts
11. Nuclear Science Abstracts
12. Science Abstracts
13. DDC Technical Abstract Bulletin
14. NASA Scientific & Technical Aerospace Reports

The bibliography includes references cited in the indexes through issues of June 1965. A supplement is planned to include references from other sources at a later date.

An omission of a very valuable collection of information on Teflon exists in this bibliography report, namely, that contained in the JOURNAL OF TEFILON published by the Plastics Department of the E.I. du Pont de Nemours & Co. (Inc.), Wilmington, Del. 19898. This body of reference material is not indexed by the standard indexing and abstracting services mentioned above, hence are not included. Although widely distributed by the du Pont Company, very few libraries have complete sets of the JOURNAL OF TEFILON on their shelves. Also excluded or omitted are vendor data or catalog sheets and reprints since these are not covered by indexing and abstracting services.

The literature search was conducted by Mr. Wilcox under the supervision of Mr. Bloomfield (who also provided for its publication). The general subject organization and report editing was accomplished by Mr. Milek. The manuscript was typed by Mrs. Linda Capizzo.
A BIBLIOGRAPHY ON POLYTETRAFLUROETHYLENE (TEFLON) PLASTICS
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