

SYMPOSIUM ON COLOR

Washington Spring Meeting
AMERICAN SOCIETY FOR TESTING MATERIALS
March 5, 1941



SYMPOSIUM ON COLOR—
ITS SPECIFICATION AND USE
IN EVALUATING THE APPEARANCE
OF MATERIALS

Jointly Sponsored by the
AMERICAN SOCIETY FOR TESTING MATERIALS
and the
INTER-SOCIETY COLOR COUNCIL

Washington Spring Meeting
AMERICAN SOCIETY FOR TESTING MATERIALS
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FOREWORD

The papers and discussions appearing in this volume were presented at Washington, D. C., March 5, 1941, as a Symposium on Color—Its Specification and Use in Evaluating the Appearance of Materials. This symposium, held in conjunction with the Spring Meeting of the American Society for Testing Materials, was jointly sponsored by that Society and the Inter-Society Color Council. The Inter-Society Color Council is an organization of national societies having an interest in color. The aim of the council is to coordinate and stimulate the work on color which is being done in the member bodies. The papers in this symposium cover practically all phases of color, and stress those aspects of primary interest to the specifier of appearance attributes of color.

The joint committee in charge of the development of the technical program consisted of the following:

- M. Rea Paul (*Chairman*), National Lead Co.
- A. G. Ashcroft, Product Engineer, Alexander Smith and Sons Carpet Co.
- W. E. Emley, Chief, Division of Fibrous and Organic Materials, National Bureau of Standards.
- C. E. Foss, Interchemical Corp.
- W. R. Fuller, Technical Director, Grand Rapids Varnish Corp.
- H. A. Gardner, Director, Scientific Section, National Paint, Varnish and Lacquer Assn.
- D. B. Judd, Physicist, National Bureau of Standards.
- R. S. Hunter, Assistant Physicist, National Bureau of Standards.
- Paul Rapp, Associate Chemist, Public Roads Administration, Federal Works Agency.
- W. M. Scott, Chief, Cotton Chemical Finishing Division, U. S. Bureau of Agricultural Chemistry and Engineering.

The presiding officer at the symposium session and the officers representing the two sponsor bodies, were as follows:

- M. Rea Paul (Symposium Chairman), National Lead Co.
- W. M. Barr (President, A.S.T.M.), Chief Chemical and Metallurgical Engineer, Union Pacific Railroad Co.
- D. B. Judd (Chairman, I.S.C.C.), Physicist, National Bureau of Standards.
- G. E. F. Lundell (Vice-President, A.S.T.M.; Chairman Washington Committee on Arrangements), Chief, Chemistry Division, National Bureau of Standards.

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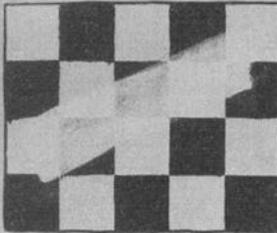
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TYPES OF MATERIALS MEASURED FOR COLOR

TRANSPARENT

(a tube of varnish)

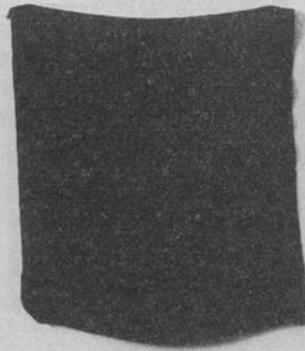


TRANSLUCENT

(a film of paint
giving incomplete
hiding)

OPAQUE

(a colored fabric)



Classification of Materials Followed in the Symposium.

