Sixty-first Annual Meeting Papers

Symposium on

PARTICLE SIZE MEASUREMENT

Published by the
AMERICAN SOCIETY FOR TESTING MATERIALS

ASTM Special Technical Publication No. 234
FOREWORD

The papers and discussions in this 1958 Symposium on Particle Size Measurement were presented at the Sixty-second Annual Meeting of the American Society for Testing Materials held in Boston, Mass., on June 26 and 27, 1958.

This Symposium was sponsored by Subcommittee 11 on Subsieve Testing, of ASTM Committee E-1 on Methods of Testing. It was organized by Lincoln T. Work, Consulting Engineer, chairman of Subcommittee 11, who also served as chairman for the third and final session of the Symposium. The first session was presided over by A. E. Reed, Vice President, The W. S. Tyler Co., Cleveland, Ohio, and the chairman of the second session was A. E. Jacobsen, Research Chemist, National Lead Co., Titanium Division, South Amboy, N. J.

In order to make this publication more complete, two additional papers on particle size measurement, published by the ASTM, have been included although they were not presented as part of the Symposium. The paper on "Light Scattering Instrumentation for Particle Size Distribution Measurement" by C. T. O’Konski, M. D. Bitron and W. I. Higuchi has been reprinted from the Symposium on Instrumentation, ASTM Special Technical Publication No. 250. The paper on "Methods of Particle Size Analysis" by R. P. Loveland is reprinted from the Symposium on Light Microscopy, first published in 1952.
NOTE.—The Society is not responsible, as a body, for the statements and opinions advanced in this publication.
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THIS PUBLICATION is one of many issued by the American Society for Testing Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.
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The undersigned hereby applies for membership in the American Society for Testing Materials including subscription to ASTM BULLETIN. If this application be duly approved, he agrees to be governed by the Charter and By-laws of the Society and to further its objects as laid down therein.

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2. The corporation is formed for the promotion of knowledge of the materials of engineering, and the standardization of specifications and the methods of testing.

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SEC. 5. Any person elected after six months of any fiscal year shall have expired, may pay only one-half of the amount of dues for that fiscal year; but in that case he shall not be entitled to a copy of the Proceedings for the current year.

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