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First edition
2013-07-15

Particle characterization of particulate systems — Vocabulary

*Caractérisation des particules dans les systèmes particulaires —
Vocabulaire*



Reference number
ISO 26824:2013(E)

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Published in Switzerland

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Contents

	Page
Foreword	iv
Introduction	v
Scope	1
1 General terms, representation of particle size and classification analysis	1
2 Sedimentation analysis	5
3 Pore size distribution, porosity and surface area analysis	6
4 Representation of particle shape analysis	11
5 Electrical sensing methods	13
6 Laser diffraction methods	14
7 Dynamic light scattering	17
8 Image analysis methods	18
9 Single particle light interaction methods	21
10 Small angle X-Ray scattering method	22
11 Sample preparation and reference materials	23
12 Electrical mobility and number concentration analysis for aerosol particles	24
13 Electrical charge conditioning	27
14 Acoustic methods	28
15 Focused beam methods	31
16 Characterization of particle dispersion in liquids	31
17 Methods for zeta potential determination	33
17.2 Electrokinetic phenomena	35
17.3 Electroacoustic phenomena	36
Annex A (informative) Alphabetical index	39
Bibliography	49

Foreword

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The committee responsible for this document is ISO/TC 24, *Particle characterization including sieving*, Subcommittee SC 4, *Particle characterization*.

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Introduction

Since 1995, some 20 International Standards have been published by ISO/TC 24/SC 4, and at the time of publication of this International Standard, about 12 projects were under development, not to mention revisions of existing standards. Therefore it was not before time that terms defined in standards that were relevant for others be collected and adjusted into a single, uniform vocabulary.

In particular, the interdisciplinary application fields of particle and particulate systems characterization — from mining and construction, the pharmaceutical and food industries, medicine and life sciences, the chemical industry, microelectronics and nanotechnology — need clear and unambiguous terminology. The development of international trade, not only in measurement devices for particle characterization, but also of process equipment for the production and treatment of particulate systems, underlines the need for comparability of quality and performance parameters, as well as in international health, safety and environmental protection regulations.

The structuring and presentation rules applied to the terminological entries, based on a clause structure, represents the methods of results presentation and the analysis methods, and starts with general terms in each clause.