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Characterization of Porous Solids VI (Studies in Surface

methods of characterization of porous solids, and to also give the warnings and guidelines on which the experts generally agree. For this purpose, they successively consider the description of a porous solid (definitions, terminology), the principal

RECOMMENDATIONS FOR THE CHARACTERIZATION OF POROUS SOLIDS

select article Novel approach to the characterization of the pore structure and surface chemistry of porous carbon with Ar, N₂, H₂O and CH₃OH adsorption

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Recommendations for the Characterization of Porous Solids

The objectives of the Third IUPAC Symposium on the Characterization of Porous Solids (COPS-III) were (1) to provide the opportunity for specialists to exchange ideas and new information on theoretical principles and methodology and (2) to generate proposals for the comparison and utilization of the many techniques now available for the ...

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Thin films including layers: terminology in relation to their preparation and characterization (IUPAC

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Recommendations for the characterization of porous solids

Characterization of Porous Solids and Powders: Surface Area, Pore Size and Density by S. LOWELL
Quantachrome Instruments, Boynton Beach, U.S.A.

Characterization of Porous Solids and Powders: Surface

1 Guidelines for the Characterization of Porous Solids Rouquerola, D. Avnir, D.H. Everett, C. Fairbridge, M. Haynes, N. Pernicone, J.D.F. Ramsay, K.S.W. Sing and K.K. Unger J. aCentre de Thermodynamique et de Microcalorimétrie du CNRS, 26 rue du 14^{lt}me RIA, 13003 - Marseille - France Abstract The aim of this paper is to give an impression of the work of the recently disbanded IUPAC Sub ...

Guidelines for the Characterization of Porous Solids

Description : The Second IUPAC Symposium on the Characterization of Porous Solids (COPS-II) provided the opportunity for detailed discussion and appraisal of the most important techniques currently used for the characterization of porous materials, especially those of technological importance.

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Porous and finely divided solids are distinguished by a large surface to volume ratio. As a result, they have specific properties, such as enhanced reactivity, a high adsorption capacity, and a lowered sinter temperature. This contribution gives a survey over selected aspects of porous solids, with

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