

Porous Materials

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Porous Materials

Process technology
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Preface

Approximately four million years of human history has passed. We have been using materials to make a variety of tools. The first materials used were naturally occurring materials such as animal bones, stones, wood etc.; and some of these familiar materials are porous. Porous materials are so familiar that they are sometimes forgotten or ignored.

The taste experience of ice cream is created not only by adjusting ingredients, but also by including air as an ingredient, i.e. pores that give the smooth texture of ice cream.

This book is designed to describe and explain about pores, the synthesis of materials with pores (porous materials), and applications of porous materials. This book is intended for engineers and scientists of different disciplines and specialities, and is expected to be useful in the design and synthesis of porous materials for existing as well as potential new applications.

Let us rediscover pores.

K. Ishizaki,
S. Komarneni and
M. Nanko
January 1998