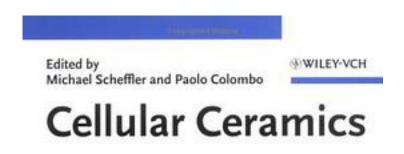
## Cellular Ceramics



Structure, Manufacturing, Properties and Applications



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Cellular ceramics are a specific class of porous materials which includes among others foams, honeycombs, connected fibers, robocast structures and assembled hollow spheres. Because of their particular structure, cellular ceramics display a wide variety of specific properties which make them indispensable for various engineering applications. An increasing number of patents, scientific literature and international conferences devoted to cellular materials testifies to a rapidly growing interest of the technical community in this topic. New applications for cellular ceramics are constantly being put under development. The book, authored by leading experts in this emerging field, gives an overview of the main aspects related to the processing of diverse cellular ceramic structures, methods of structural and properties characterisation and well established industrial, novel and potential applications. It is an introduction to newcomers in this research area and allows students to obtain an in-depth knowledge of basic and practical aspects of this fascinating class of advanced materials.

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