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| Autore | Aikawa, Hiroaki |
| Titolo | Potential Theory. Selected Topics / Hiroaki Aikawa, Matts Essen |
| Pubbl/distr/stampa | Berlin : Springer-Verlag, 1996 |
| ISBN | 3-540-61583-0 |
| Descrizione fisica | ix, 200 p. ; 24 cm |
| Collana | Lecture Notes in Mathematics ; 1633 |
| Disciplina | 515.9 |
| Locazione | MA1 |
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| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

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| Titolo | Polymeric foams : innovations in processes, technologies, and products / / edited by Shau-Tarng Lee |
| Pubbl/distr/stampa | Boca Raton : , : Taylor & Francis, CRC Press, , [2017]<br>©2017 |
| ISBN | 1-315-35237-0<br>1-315-36936-2<br>1-4987-3889-3 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (406 pages) : illustrations, photographs, tables |
| Collana | Polymeric Foams Series |
| Disciplina | 668.4/93 |
| Soggetti | Plastic foams |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and |

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| | index. |
| Nota di contenuto | 1. Introduction / Shau-Tarng Lee -- 2. Microcellular polypropylene foam / Peng Guo and Xiulei Jiang -- 3. Preparation of poly(ethylene terephthalate) foams using supercritical CO2 as a blowing agent / Ling Zhao, Tian Xia, Zhenhao Xi, And Tao Liu -- 4. Formation mechanism and tuning for bimodal cell structure in fomas by synergistic effect of temperature risign and depressurization with supercritical CO2 / Han-Xiong Huang and Lin-Qiong Xu -- 5. Extrusion foaming of polylactide / Richard Gendron and Mihaela Mihai -- 6. Innovative PLA bead foam technology / Mohammadreza Nofar, Alireza Tabatabaei, and Chul B. Park -- 7. Nanocellular foams / Stephane Costeux -- 8. Rigid structural foam and foam-cored sandwich composites / Wenguang Ma and Kurt Feichtinger -- 9. Microcellular polyimide foams : fabrication and characterization / Yang Li, Wentao Zhai, and Wenge Zheng -- 10. Recent innovations in thermoplastic foams / Tomoo Tokiwa and Tatsuyuki Ishikawa -- 11. Advanced CAE technology for microcellular injection molding / Chao-Tsai Huang and Rong-Yeu Chang. |
| Sommario/riassunto | This book discusses advances in processes, technologies, and products related to polymeric foams. It describes the latest business trends including new microcellular commercialization, sustainable foam products, and nanofoams. It also discusses novel processes, new and environmentally friendly blowing agents, and the development and usage of various types of foams, including bead and polycarbonate, polypropylene, polyetherimide microcellular, and nanocellular. The book covers flame-retardant foams, rigid foam composites, and foam sandwich composites and applications in structural engineering, electronics, and insulation. It minimizes the gap between research and application in this important and growing area. |