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| Autore | Brandell Daniel |
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| Descrizione fisica | 1 online resource (VIII, 163 p.) |
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| Nota di contenuto | Frontmatter -- Preface -- Contents -- 1 Polymer electrolyte materials and their role in batteries -- 2 Ion transport in polymer electrolytes -- 3 Key metrics and how to determine them -- 4 Batteries based on solid polymer electrolytes -- 5 Host materials -- 6 Outlook -- Index |
| Sommario/riassunto | Recent years has seen a tremendous growth in interest for solid state batteries based on polymer electrolytes, with advantages of higher safety, energy density, and ease of processing. The book explains which polymer properties guide the performance of the solid-state device, and how these properties are best determined. It is an excellent guide for students, newcomers and experts in the area of solid polymer electrolytes. |