

1. Record Nr.	UNINA9910819440503321
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Titolo	Handbook of dielectric and thermal properties of materials at microwave frequencies // Vyacheslav V. Komarov
Pubbl/distr/stampa	Boston : , : Artech House, , ©2012 [Piscataway, New Jersey] : , : IEEE Xplore, , [2012]
ISBN	1-60807-530-3
Descrizione fisica	1 online resource (xiii, 169 p.) : ill
Collana	Artech House microwave library
Disciplina	620.11296015118
Soggetti	Dielectrics Microwaves Materials - Thermal properties
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- 1. Mathematical modeling of microwave heating processes -- 2. Dielectric and thermal properties of microwaveable materials: parameters, measuring techniques, and some theoretical aspects -- 3. Foodstuff and agricultural products -- 4. Biological tissues -- 5. Fibrous materials -- 6. Polymers, resins, and plastics -- 7. Ceramics -- 8. Soils and minerals -- 9. Pure and composite chemical substances.
Sommario/riassunto	"The application of microwave energy for thermal processing of different materials and substances is a rapidly growing trend in modern science and engineering. In fact, optimal design work involving microwaves is impossible without solid knowledge of the properties of these materials. Here's a practical reference that collects essential data on the dielectric and thermal properties of microwaveable materials, saving you countless hours on projects in a wide range of areas, including microwave design and heating, applied electrodynamics, food science, and medical technology. This unique book provides hard-to-find information on complex dielectric permittivity of media at industrial, scientific, and medical frequencies (430 MHz, 915 MHz, 2.45 GHz, and 5.8 GHz). Written by an expert in the field, this authoritative book does an exceptional job at presenting critical data on various materials and explaining what their key characteristics are concerning

microwaves."--
