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Titolo	Wood Material and Processing Data : The Most Relevant Data, Tables, and Figures // edited by Peter Niemz, Alfred Teischinger, Dick Sandberg
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Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XII, 284 p. 176 illus., 122 illus. in color.)
Disciplina	620.11
Soggetti	Materials Building materials Forests and forestry Materials Engineering Wood, fabric, and textiles Forestry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Physical and mechanical properties of solid wood -- Properties of modified wood -- Characteristic values of wood-based panels -- Selected material parameters -- Selected (important) process parameters -- Books in the field of wood science and technology -- Standards and certification -- Appendix: Common and binomial names of tree species.
Sommario/riassunto	The book is intended for professionals in the field of materials science, construction technology and operational design of new facilities. Characteristic values for the calculation, project planning and process optimization are often important for the engineer working in the project planning of plants. Therefore, characteristic values for solid wood from different continents and for wood-based materials and modified wood are compiled in tabular form. Important adhesives and coating materials complete the collection of characteristic values. Standards from Europe, the USA, Russia and China are also listed. Information on material consumption, energy consumption and material utilization are also included (sawn wood, wood based material,

pulp and paper). Other important information and a list of specialist books complete the data collection. The data supplement the knowledge in existing specialist books and compendiums in the field of wood science and wood technology, with a large number of specific details that are only briefly compiled in specialist articles or specialist books.
