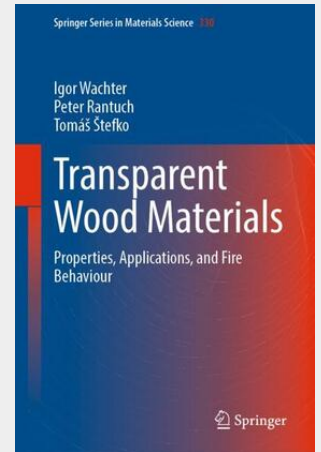


Transparent Wood Materials

Properties, Applications, and Fire Behaviour

This book introduces the reader to the history, materials properties, and manufacturing methods of transparent wood biocomposites. After an introductory chapter summarizing the major developments in the field, the book looks at a number of recent and groundbreaking applications, particularly in the fields of solar cells, smart buildings, and transparent wood smart windows. Finally, the authors' own work on the combustion and fire-technical properties of transparent wood is discussed in detail. This monograph appeals to readers involved in transparent wood research, manufacturing, and application. It is also undoubtedly of interest to a broader readership of practitioners and university students involved in materials science for fire prevention.

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