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""COMPOSITE MULTILAYER COATINGSFOR IMPROVED BARRIER
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 ""Paperboard Laminates""; ""Barrier Coating of Paperboard""; ""Water
 Vapour Barrier""; ""Oxygen Barrier""
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 Paperboard""; ""Barrier Materials for Paperboard""; ""Synthetic
 Materials""; ""Biobased Materials""; ""Reinforcement of Polymer
 Coatings""; ""Experimental""; ""Substrate""; ""Coating Materials"";
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 ""Charge Density and Zeta Potential""""Wettability of Primary and
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 on Materials Choice""; ""Conclusion""; ""References""; ""SIMULATION OF
 ULTIMATE STRENGTHOF FIBER-REINFORCED COMPOSITES BY MEANSOF
 BRIDGING MICROMECHANICS MODEL""; ""Abstract""; ""1. Introduction"";
 ""2. Stress Analysis""; ""2.1. Lamina Analysis""
 ""2.1.1. Basic Formulae of the Bridging Model""

Sommario/riassunto

In materials science, composite laminates are assemblages of layers of
 fibrous composite materials which can be joined to provide required
 engineering properties, including in-plane stiffness, bending stiffness,
 strength, and thermal expansion. This book gathers the latest research
 from around the globe in this dynamic field.