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Design of Energy and Environmentally Friendly Fiberglass Compositions Derived from the Quaternary SiO2-Al2O3-CaO-MgO Phase Diagram - Part I: Structures, Properties, and Crystallization Potential of Eutectic and Selected Multi-Oxide E-Glass Compositions*Some Aspects of Glass and Glass Ceramics Formation of Stoichiometric Compositions in the RO-Al2O3-B2O3 Systems; Crystallization of a Li2O-2SiO2 Glass Under High Hydrostatic Pressures; Effect of Isomorphic Substitutions on Crystallization of Mica and Amphibole Phases in Glasses of the System SiO2-Al2O3-B2O3-CaO-MgO-Li2O-(K,Na)2O-F
Properties of Glass-Ceramics Synthesized from Hydrometallurgical Zinc WasteAuthor Index; Keyword Index

Sommario/riassunto

This volume will summarize the most recent development in experimentation, computation, and theory on chemistry of glass forming melt, including melt structure modeling and melt structure and characterizations. This volume provides a timely update on the advances in glass basic science research and development.