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NANOSTRUCTURED Ag-Cu SYSTEM AT REPEATED MELTING - STRUCTURE AND THERMAL BEHAVIOR

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ABSTRACT
 The structure evolution of the nanosized particles (particle size: 20-50 nm) containing Ag and Cu, prepared by the sol-gel method, was studied by X-ray diffraction, transmission electron microscopy (TEM) and scanning electron microscopy (SEM). The structure evolution of the nanosized particles was studied by X-ray diffraction, transmission electron microscopy (TEM) and scanning electron microscopy (SEM). The structure evolution of the nanosized particles was studied by X-ray diffraction, transmission electron microscopy (TEM) and scanning electron microscopy (SEM).

Thermal investigation of ZnO

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ABSTRACT Organic-inorganic hybrid materials, that potential applications in different field such as catalysis, (2D) coatings of fibers, containing the hydroxide of ZnO, prepared by intercalation of zinc in the hydroxide of organic anions into the inorganic matrix, were investigated.