



Properties of Amorphous and Partially Crystalline Materials

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Message from the Guest Editor

Dear Colleagues,

Technological development is associated with the consumption of vast amounts of energy. Increases in environmental pollution and the greenhouse effect are driving the search for improvements (and savings) in the field of materials engineering. Therefore, modern construction and functional materials must feature increasingly improved mechanical and performance parameters. The development of these materials relies on the search for new, as well as the improvement of existing production and material processing methods for alloys, polymers, and composites.

An example of a class of modern materials is that of amorphous materials, nanomaterials, polymers or geopolymers—which are used as construction and even magnetic materials. The interest surrounding those materials is generated by their excellent mechanical properties, physical or chemical.

This Special Issue on “Properties of Amorphous and Partially Crystalline Materials” concerns all aspects related with the properties and the use of those materials.

Special Issue



these materials.

Keywords:

- Amorphous material
- Magnetism
- Magnetic properties
- Polymers