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Analysis of Bioceramic Coatings HA + ZrO₂

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Abstract

Hydroxyapatite is one of the most interesting materials in current technology due its wide range of possible applications as biomaterials. Improvement of the mechanical properties can be achieved by the incorporation into resistant oxide phase, e.g. zirconia partially stabilized by yttrium. The present study describes the microstructure and phases, characterization composite coatings after plasma spraying.

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