

further scientific and research work should support the future wide industrial applications of the technologies analysed since the technologies have been used at a laboratory and semi-technical scale to date [64]. The advantages of manufacturing the sintered graded tool materials in industrial conditions include waste-free production and a short production cycle and a constraint is a possibility of manufacturing small-sized products with their shape determined with the construction parameters of dies. The specific properties of sintered graded tool materials make them suitable, notably, for use as high-performance tools for high-speed cutting, moulding cutting tools, punch tools, tools for plastic treatment in high temperature as well as the edges of mining and drilling tools.

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