

Application of polishing suspensions based on polycrystalline diamond detonation synthesis in high-precision processing of cadmium-zinc-telluride

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The results of research the surface of a cadmium-zinc-telluride fragment after treatment with various suspensions of detonation diamond powders are presented. It is shown that application of polishing suspensions based on polycrystalline diamond of detonation synthesis in terms of obtaining the quality of a polished surface is not inferior to imported analogues.

Keywords: cadmium zinc telluride, DPM, optical microscope, surface roughness.

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