

Research of cobalt chromium alloy surface morphology after sandblasting

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Abstract

© Published under licence by IOP Publishing Ltd. The purpose of the work was to research of influence of sand blasting on surface morphology and properties of touching the metal-ceramic. Found that after the sand blasting on the metal surface are sand particles of size 100-200 nm are also observed in some places a large particle size of 2-3 mm, which is imprinted into the metal. It is shown that these particles can cause of crack nucleation at the metal-ceramic and lead to her cleavage.

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