

Title: Effect of additive on electrochemical corrosion properties of plasma electrolytic oxidation coatings formed on CP Ti under different processing frequency

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- PEO coatings formed on Cp Ti from phosphate electrolyte with zirconate additive.
- The SEM results provide information of microdischarge behavior.
- The effect of additive on structure and long-term corrosion behaviour was investigated.
- The additive influence on coating performance varies with processing frequency.

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