

The simplicity of electrochemical degradation of materials and its susceptibility

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ABSTRACT

The study of corrosion is vital to reducing the overhead costs in the manufacturing industries. However, finding suitable application methods for prevention is a concern due to manufacturer specification and resource investment procedure. The coating is recognized as one of the foremost ways of applying resistance to corrosion damage. Electrodeposition is a unique technology because of its excellent control of the chemical properties, mechanical strengthening behavior, and structural evolution over time. Thus, these overview studies discuss the possible simplicity of electrochemical degradation of metal, the susceptibility within the metal range, and the protective coatings characteristics.