
dezincification of brass and its inhibition

medhat mohamed elagez

The corrosion problem is a great problem, which faced the world from the last years until now, we can't hide this problem from our live but we can reduce it "inhibit" in the metals or their alloys by several methods as the environment need. This work discuss the corrosion of α -brass in 2M HCl. This work contains four basic chapters Chapter one " INTRODUCTION " This chapter discusses: 1- General aspects of corrosion Definition of corrosion Classification of corrosion Various forms of corrosion Electrochemical theory of corrosion Physical and mechanical properties of copper and brasses Application of copper and copper alloys Corrosion of copper and copper alloys Copper and high copper alloys Corrosion prevention of copper and its alloys Corrosion inhibitors Theory of corrosion inhibition Corrosion monitoring techniques