

**A REVIEW ON THE TRIBOLOGICAL CHARACTERISTICS OF  
CO-DEPOSITED NICKEL WITH NANO / MICRO SiC METAL MATRIX  
COMPOSITE COATINGS ON ALUMINIUM 7075**

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**ABSTRACT**

In this review, mechanical properties such as wear resistance, hardness, scratch resistance of electrocodeposited Nickel with micro and nano SiC on Aluminium 7075 are discussed. Electro codeposition of MMC coating have been influenced by many factors viz., current density, voltage, percentage of particle concentration, addition of surfactant and bath composition are also conferred. Elaborate review has been dispensed on these factors to find the optimum parameters. The state of art has been discussed with the support of literatures.

**KEYWORDS:** Electro-Codeposition, Nano and Micro SiC, Tribology, Aluminium 7075