

IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM (A2)
Science Results from Ground Based Research (4)

Author: Dr. Bhiksha Gugulothu
Ethiopia

RESEARCH RESULTS OF TI-6AL-4V ON ELECTRICAL DISCHARGE MACHINING.

Abstract

In this research paper, EDM machine was used by drinking water as dielectric fluid. Ti-6Al-4V alloy was submerged into dielectric fluid for Machining of Ti-6Al-4V. The process parameters were discharge current, pulse on time, pulse off time and graphite powder concentration. EDAX Analysis and micro hardness test were carried out and the results were investigated.