

Abstract Details

Title Micro mould fabrication for plastic components with fdm: a review

Authors: Rupinder Singh ,Ranvijay Kumar , Sandeep Grover and Rajkumar

Abstract : Fused deposition modelling (FDM) is commercially used to manufacture intricate shape components and tooling, with high accuracy. In the present work, fundamental principles for micro mould fabrication with FDM, process parameters involved and their affect on dimensional accuracy, and mechanical properties of plastic components are reviewed, for application in manufacturing industry.

Keywords: Fused deposition modelling; Plastic components; Dimensional accuracy; Surface finish.