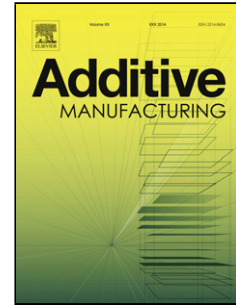


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Comparison of Stress Concentrator Fabrication for 3D Printed Polymer Izod Impact Test Specimens

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Abstract

Izod impact test specimens were fabricated via a desktop grade material extrusion 3D printer process using ABS in four build orientations. The 3D printed impact test specimens were examined in order to compare the effect of stress concentrator fabrication on impact test data where two methods were used to fabricate the stress concentrating notch: 1) printing the stress concentrator; and 2) machining the stress

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