Preloaded Composite Panels under High Velocity Impact

A.R. Moallemzadeh , S.A.R. Sabet , H. Abedini

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Highlights

- Composite plates with six different preloads and under high velocity impact are investigated
- Preloading affects ballistic performance in lower range of high velocities impact.
- Type of preload losses its significance with increase in impact velocity.
- Uniaxial compression and biaxial tension/ compression preloads showed more damage extension than no preload condition.