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Influence of thickness of composite layers on failure behaviors of Carbon Fiber Reinforced Plastics/Aluminum alloy electromagnetic riveted lap joints under high-speed loading

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Highlights

- The failure behaviors of CFRP/Al electromagnetic riveted joints under high-speed loading were investigated.
- The full field strain of CFRP/Al sheets during failure behaviors was analyzed.
- The corresponding relationship between failure mode and CFRP sheet thickness was revealed.

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