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Effect of yield criteria on the formability prediction of dual-phase steel sheets

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Highlights

- Equivalent stress-strain data from Yld2000-2d-Var represent the hardening behavior.
- FLCs are accurately predicted by M-K model with Yld2000-2d-Var and Swift law.
- The stretch formability depends on the suitable material model and FLCs.
- The precise yield criterion is of great significance to the formability prediction.

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