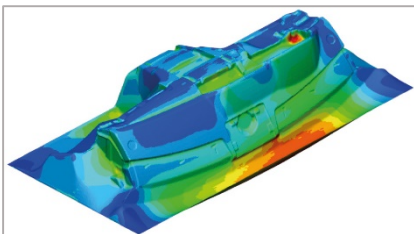




Surfvis® 3D

More than Simulation



Sustainably in Shape: Surfvis® 3D simulates the production of surfaces photo-realistically on the computer. Using 3D imaging, the simulation helps save a great deal of time and money in the development phase.

Benefits

- › Reduces development time and costs
- › Simulation of deep drawing process shows foil thickness distribution
- › Prediction of critical areas like wrinkle formations and insufficient forming
- › Accurate depiction
- › Optimisation of process Parameters by Simulation of plug assists
- › Integrated Simulation of grain deformation

Customer input needed

- › CAD data for the interior component
- › Tooling type: 1, 2 or 4 fold
- › Foil definition of type, thickness, sheet size for cut sheet

Simulation scope

- › Wrinkles, strain analysis
- › Optimisation with plug assists
- › 2D stretching frame sampling
- › Grain mapping

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