

Plastic battery case(Upr lid)

□ Production

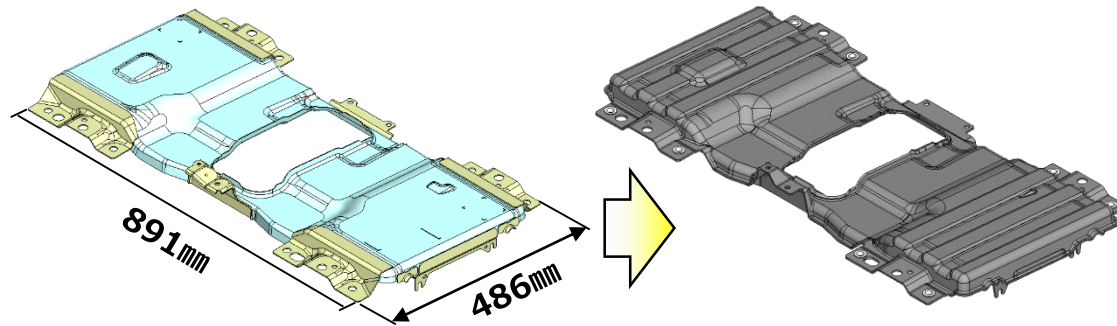
□ Prototype

■ Development



■ Product Features

- Reduction of parts weight from Steel to Plastic.
- Reduction in number of parts
(Reduce assembly and mold costs)



Steel products 1.4mm

Construction method : USM
(Unipres' unique construction method)
※t5.0 PP+GF30%

Lightweight effect : ▲47%

Number of components : 10 ⇒ 2

■ Product technology

- The two-layer structure of glass fiber reinforced plastic and aluminum ensures load-bearing, impact resistance, heat resistance, and electromagnetic wave shielding.
- Prototype sample of flame retardant material and evaluation implementation.



PP+GF 30%



Aluminum Sheet
50μm