



Body Interior

IP Substrate With Partial Visual Structure

OEM/Vehicle

Geely Auto Group

2019 FE-6

System Supplier

SH Global

Material Processor

SH Global

Material Supplier

Celanese Corporation

Resin

Celstran PP-GF20-0553 PP LFT

Tooling/Equipment Supplier

Tianhui Mould



This is the first instrument panel with long glass fiber on a visual surface. An integration of the polished area and grained area to one part in one tool contributed to the development of this innovation. Reducing the area of the soft skin and avoiding additional tooling for the partial visual structure of the long glass fiber material was a cost savings factor. This new design contributed to a 300g weight reduction and a \$2.2 per vehicle cost savings.