



Body Interior

Thin Wall Floor Console Carrier

OEM/Vehicle

General Motors

2017 Buick Enclave, Chevy Traverse

System Supplier

NYX

Material Processor

NYX

Material Supplier

Celanese

Resin

Celstran 40-0453 PP GF

Tooling/Equipment Supplier

Integrity



This floor console carrier is unique with its 2.0 mm nominal thin wall thickness (with ability to implement lightening holes) and 40% Long Glass Fiber PP construction with first surface quality appearance. A 30% mass savings resulting in a 2.2 lb/.99 kg weight savings, and a 15% cost savings was achieved. Lateral stiffness targets were exceeded eliminating the need for metal brackets (\$1.50). It is also the first time injection molding was used to process this type of a component.