



Aftermarket

Illuminated Emblem

OEM/Vehicle

General Motors

2017 Chevrolet Camaro, Silverado, Colorado

System Supplier

Windsor Mold Group

Material Processor

Emrick Plastics

Material Suppliers

SABIC, Arkema

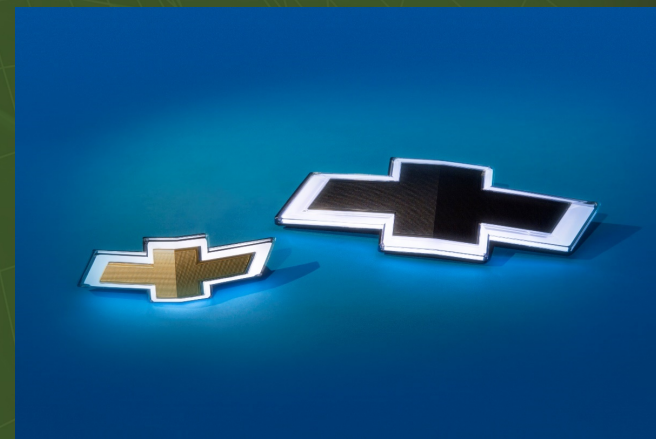
Resins

Lexan LS1 & Lexan SLX2271T PC

Plexiglas V825 PMMA

Tooling/Equipment Supplier

Windsor Mold Group



Combination of a 2-shot overmolded lens and 2-shot light guide utilizing multiple materials, and laser welding in one package enabled efficient production of this backlit chrome emblem. Two-shot molding the lens eliminated the need for excess material and energy associated with conventional hardcoating processes. A two-shot light guide was developed with selective areas of transparent and diffusion material into a single sub-component. This solved significant technical difficulties to achieve even lighting across a large surface area within a tight packaging space.