

AGS TECHNOLOGY CASE STUDY: DOES THIS NEW PANEL MAKE ME HEAVIER?



PRODUCT PROFILE

Industry: Automotive (Under the Hood)
Application: Corvette Grand Sport Air Management Panel Assembly
Material Description: Polypropylene Copolymer
Requirements: • Low Weight • Impact Strength • Chemical Resistance

CUSTOMER ISSUE

Late in the design of the new Grand Sport, the Corvette engineering team realized that the existing C6 air management panel assembly would not properly mate with the Grand Sport's distinctively wider, special louvered front fenders.

AGS INJECTION MOLDING SOLUTION

Under compressed timing, AGS Technology managed the tool build and submitted PPAP using AGS Injectoblend™ FPP135. With its inherent low specific gravity, this 100% recycled polypropylene copolymer kept part cost and weight to a minimum much to the delight of the value/performance obsessed Corvette engineering team.

