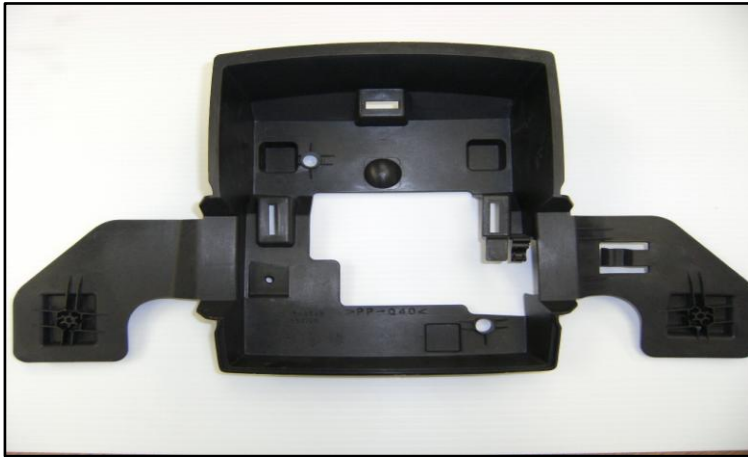


AGS TECHNOLOGY CASE STUDY: INJECTOBLEND™ RISES ABOVE ALL CHALLENGERS



| SPECIFICATIONS | |
|------------------|--|
| PERFORMANCE: | MUST MEET FMVSS 302 ▽ |
| MATERIAL: | ASTM D4000, ODD BOX APPROVED INJECTO BLEND FPP-DP3 40% SILICA MODIFIED POLYPROPYLENE |
| FINISH: | N/A |
| NAME | RETAINER, OVERHEAD CONSOLE |
| PROJECT/CUSTOMER | LC23/CHRYSLER |



PRODUCT PROFILE

Industry: Automotive (Interior)
Application: Challenger LC23 OHC Substrate
Material Description: 40% Glass PP with Automotive Headliner Scrap
Requirements: • Heat Resistance • Rigidity • Lower Cost

CUSTOMER ISSUE

A Tier 1 supplier to Chrysler was looking for a lower cost alternative to replace a discontinued grade of glass reinforced SMA (Dylark™) on a structural, non-appearance, headliner component.

AGS INJECTION MOLDING SOLUTION

AGS Technology developed Injectoblend™ DP3 glass reinforced polypropylene to replace the specified Dylark™ 480P16. In addition to significant piece part cost savings, the Injectoblend™ DP3 incorporates recycled automotive headliner scrap into its formulation. The Injectoblend™ DP3 material meets FMVSS302 and Chrysler part specific outside design and development (ODD) performance criteria.

