

# Automotive Sector

## Engine Cover – Mercedes SL65 AMG

### Objectives

To produce a styled cosmetic engine cover for the Mercedes SL65 AMG.

### Application Development

The executive and luxury market requires styled, well presented and well packaged engine bays.

The Mercedes SL65 AMG is an example of where the technical requirements of high heat stability, low weight and visible carbon weave is matched with the production volumes to make a carbon fibre engine cover the most technically and commercially suitable option.



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The MTM<sup>®</sup>57FR/CF1100 pre-preg from ACG that is used on this application. The material has been developed and technically and commercially optimized for compression moulding applications and offers a very effective mechanical property balance.

The quality and appearance of the final part highlights the technical individuality of the AMG brand. The SL 65 AMG is the all-time best performing Mercedes-AMG roadster. It has been engineered for maximum driving pleasure and represents a combination of supreme sportiness and exclusiveness.

Produced in limited production volumes, the SL65 AMG sets the benchmark for technology, engine-output and driving delight.



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Mercedes SL 65 AMG  
Images courtesy of DaimlerChrysler