



PART# 13 (013)

BMW M4GTS Carbon Fiber Hood

COMPETITION WINNER OF: Automotive Composites Conference & Exhibition – Process Innovation Award For Most Innovative Composite Part

SUBMITTED BY: Solvay

PROCESSOR: C-Con

DESIGNER: BMW

MOLDMAKER: C-Con

OVERVIEW:

This series production carbon fiber car hood has a Class-A painted outer section and an inner structural section left unpainted to show the novel carbon fiber pattern.

This hood was manufactured by C-Con using Solvay's SolvaLite™ 760 CFRP. SolvaLite™ 760 offered a 40% weight reduction and enabled the hoods to pass head impact crash tests as well as functional tests.

With a sub 5 minute cure and compatibility with automated processes and existing metal-stamping assets, SolvaLite™ 760 enabled the cost-effective manufacture of this series' component.