

**INNOVATION IN COMPOSITE MATERIALS****FINALIST: Hexcel**

HexPly® M51 from Hexcel provides an innovative matrix design developed using expert material understanding and advanced kinetic modelling techniques to provide a step change in manufacturing rate for Aerospace parts.

Hexcel designed a compression moulding capable matrix that provides faster curing using a hot load-unload process with environmental savings via energy and cure consumables reduction.

HexPly® M51 also maintains primary structure aerospace performance and compatibility with current automated deposition methods.

This technology has been combined with the latest Hexcel developments in carbon fibre to enable future composite structures to be made rapidly and without compromise.

Learn more at: [www.hexcel.com](http://www.hexcel.com)



Credit: GKN Aerospace ASCEND

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