



McLaren Wind Tunnel Model

McLaren uses 60% scale models of parts in its wind tunnels to optimize the aerodynamic package that reduces drag and channels air to specific locations in the vehicle.

Using Stratasys Neo800 3D printers and Somos® PerFORM Reflect resin material, the team is producing thousands of parts for numerous front and rear wing programs, as well as large parts of the side bodywork. PerFORM Reflect was developed specifically for PIV testing in wind tunnel models. The ceramic filled material helps to print strong, stiff parts that, when combined with the surface finish achieved by the Neo800, reduces post-processing by more than 30%

System	Neo®800 Stereolithography
Material	Somos® PerFORM Reflect™
Build Time	26 hrs, 20 mins
Material Used	2.89Kg