

# Safety



## Pedestrian-Protection-Compliant Front Fender

*OEM/Vehicle*

**2009MY Ford Motor Co.: Ford®  
Kuga® Compact CUV**

*System Supplier*

**Montaplast**

*Material Processor*

**Montaplast**

*Material Supplier*

**SABIC Innovative Plastics**

*Resin*

**Noryl GTX® 979 MPPE/PA**

*Tooling/Equipment Supplier*

**Schneiderform**



This is the first SUV with thermoplastic fenders that meets tough European pedestrian-protection requirements for head impact in a single part, eliminating the need for secondary bracketry under the fender as in steel designs. The MPPE/PA material is online paintable, dent and corrosion resistant, a unique styling enabler, and reduces both weight and cost by 50% vs. steel. The vehicle was also able to qualify for a better insurance rating thanks to this innovation.