

# Materials



## Molded-in-Color Metallic Interior-Finish Panels

### *OEM/Vehicle*

**2010MY Ford Motor Co.: Ford® Mustang® Sports Car**

### *System Supplier*

**Summit Polymers**

### *Material Processor*

**Summit Polymers**

### *Material Supplier*

**SABIC Innovative Plastics**

### *Resin*

**Geloy® FXW751SK PC/ASA**

### *Tooling/Equipment Supplier*

**Great Wall Moulding**



Injection-molded, molded-in-color, metallic-finish PC/ASA replaced painted PC/ABS in this application, eliminating paint for greater sustainability while meeting tough weathering, scratch/mar, and low-gloss requirements. Good gating strategies and a modified pigment package were essential to minimize flow disruptions that can lead to dark streaks in molded metallic parts where flow-fronts converge. The result is industry's first metallic-finish interior-trim panel, which is greener, increases customer satisfaction (by eliminating paint-related defects), and provides a \$2.30 USD/vehicle cost savings.