

# Materials



## Door Module

### *OEM/Vehicle*

**2009MY Chrysler Group LLC:  
Jeep® Liberty SUV**

### *System Supplier*

**Faurecia**

### *Material Processor*

**Faurecia**

### *Material Supplier*

**Asahi Kasei Plastics**

### *Resin*

**Thermylene® P8-32FG-2610  
BK711 PP-GF**



This door module was molded from a new-generation grade of 32% short-glass-filled PP that replaced a more costly long-fiber grade of PP. The new material was formulated for optimized interfacial adhesion between matrix and reinforcement and to balance impact and strength. As such, it provides superior creep resistance at room temperature and comparable creep at elevated temperatures, provides comparable “practical” impact strength, as well as superior knitline strength, and excellent screw-torque retention. Supplied as a high-glass masterbatch that is pre-colored, the material has excellent appearance and allows processors to customize glass loading at the press.