

Materials



Fast-Cycle Material for Fascias & Exterior Trim



OEM/Vehicle

**2009MY Ford Motor Co.: Ford®
Taurus® Sedan**

System Supplier

Flex-N-Gate

Material Processor

Peterborough

Material Supplier

LyondellBasell

Resin

Hifax® TYC 852X TPO

This TPO (with advanced nucleating agents, elastomers, and additives) delivers fast-cycle molding, a fascia thickness reduction from 3.0 to 2.6 mm, while maintaining the part's firm-feel requirements. The material's additives package helps provide a significantly stiffer material with higher melt flow, adequate impact strength, and higher dimensional and thermal stability vs. traditional thin-wall materials, driving improved craftsmanship, lowering weight, 15%, and achieving a \$2.00 USD cost savings/vehicle.