



Hall of Fame

Thermoplastic Polyolefin Skin Instrument Panel

OEM/Vehicle

General Motors

2000 Pontiac Bonneville

System Supplier

Inteva Products LLC

(Delphi Interior Systems)

Material Processor

Inteva Products LLC

(Delphi Interior Systems)

Material Supplier

Mytex Polymers

Resin

TPO



The use of TPO skin was recognized in the industry in 1999, when GM won the SPE® Most Innovative Use of Plastics Award in the Body Interior category. It improved safety by enabling air bag deployments, and reduced windshield fogging with the reduction of VOCs and odors without plasticizers and toxic stabilizers. The environmentally friendly all polyolefin system also enabled closed loop recycling and the replacement of PVC while reducing mass 10%. The TPO skin also improved interior quality by preventing brittle cracking, color fading (UV protection is improved by 4 times) and warping. Overall esthetics were improved by the dry haptic leather-like feel inherent in TPO skin.