



Continental Structural Plastics TCA[®] Ultra Lite[®]

TCA Ultra Lite[®] is an advanced composite material that can be as light as aluminum, and less expensive. This e-coat oven capable material is ideal for automotive Class A finish body panels, as it offers a surface finish superior to aluminum. It also offers all of the benefits you'd expect from an advanced sheet molded compound, including dent and corrosion resistance, high strength-to-weight ratio and superior design capabilities, including the ability to achieve unique styling cues unattainable with a stamped metal. TCA Ultra Lite[®] was used throughout the body panels of the latest Corvette C7, replacing the previous model's use of CSP's TCA Lite[®] material.

Category:
**Enabling
Technology**

Application:
Chevrolet Corvette C7

Weight Savings:
23 lbs.
lighter than TCA Lite[®]

Methodology:
Material Optimization

Presented in partnership with:



Supported by:

