

## GMDAT 의 글로벌 플랫폼에서의 신소재 적용 추세

박진수<sup>#</sup>

### Advanced Material Application Trend for Global Platform in GMDAT

Jinsoo Park

#### Abstract

The demand on the global automotive manufacturer for increased safety, passenger comfort features, and regulatory compliance is often met at the cost of increased weight and reduced fuel economy. To apply new material like AHSS, Al, Mg and polymer is a key enabler to reversing the increased weight trends in the global automotive industry. In order to accept novel alloys, it's essential to develop their forming technologies, jointing and corrosion-resistant technologies and to validate spring back analysis. This paper examines the current usages for automotive structural materials in the global platform and looks at the future trends of the industry for advanced material application.

---

<sup>#</sup> 교신저자 : GM대우