

Plastic Omnium wins two awards for its smart fuel system for plug-in hybrid vehicles

Plastic Omnium has received two distinctions for its smart fuel system for use in plug-in hybrid vehicles.

On 13 June, CLEPA, the European Association of Automotive Suppliers, presented its 2018 environmental innovation award to Plastic Omnium for the Tanktronic® system. The distinction recognizes the technology of smart fuel system for plug-in hybrid vehicles, which has been developed over the past nine years by the Group and for which 212 patents have been filed. The prize is awarded by an independent jury made up of leading figures in the automotive sector.

On 15 May of this year, Plastic Omnium received the Hyundai Superior Technology Supplier award for the fuel system used in Hyundai Ioniq and Kia Niro plug-in hybrid vehicles, which have been produced in Korea since the end of 2016.

The Tanktronic® system is designed for the fast-growing plug-in hybrid market, which is expected to account for more than 7 million vehicles in 2025, up from 0.5 million in 2017. Since the beginning of 2018, Plastic Omnium has booked seven new orders for six different automakers, including Chinese manufacturers Geely, GAC and SAIC.

These two awards reflect the success of Plastic Omnium's innovative range of products for plug-in hybrid vehicles. The plastic fuel system developed by Plastic Omnium is 40% lighter than its metal equivalent and is fitted with internal and external stiffeners to manage fuel vapor pressure variations when the vehicle is operating in electric mode. The electronically controlled system is both efficient and energy-saving and thus helps reduce vehicle emissions.

