

수소 모빌리티 산업과 수소 저장용기 개발 동향

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The mobility industry has been changed rapidly these days under the environmental risk from greenhouse gas. The electric vehicle(EV) industry has been already initiated as a main mobility stream recent years, and fuel cell electric vehicle(FCEV) is also another new option to choose eco-friendly mobility. The FCEV is a very attractive transportation because the power sources are only oxygen and hydrogen, and the emission of FCEV is just pure water. The main parts of FCEV are fuel cell and hydrogen storage vessel which can store high pressurized hydrogen.

We have been developing advanced composite overwrapped pressure vessel(COPV), and the status and performance of the COPV will be introduced.