

Effect of Ag and W in nickel based catalyst for methane reforming

김초휘, 김영철[†]

전남대학교

(youngck@jnu.ac.kr[†])

In the present study, co-impregnated tungsten and silver onto nickel based catalysts have been investigated. By adding trace of tungsten subsidiary to silver, it was able to reach as high performance as the catalyst with silver only. The influences caused by tungsten modification were inspected by XRD, XPS, TPR and TEM with Elemental Mapping from SEM. the result revealed similarity in terms of physicochemical properties.