

Supporting Information for

Oxidative Catalytic Cracking and Reforming of Coal Pyrolysis Volatiles over

NiO

Dechao Wang, Lijun Jin, Baoyong Wei, Jiannan Lv, Yang Li, Haoquan Hu*

State Key Laboratory of Fine Chemistry, Institute of Coal Chemical Engineering, School of
Chemical Engineering, Dalian University of Technology, Dalian 116024, China

* Corresponding author. Tel. & Fax: +86-411-84986157 E-mail: hhu@dlut.edu.cn (Haoquan Hu)

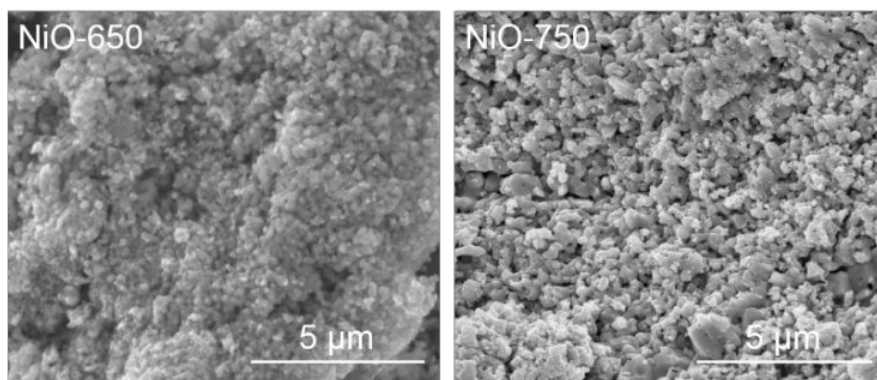


Fig S1. SEM images of NiO-650 and NiO-750

Small particles can be observed on NiO-650 and NiO-750 samples. The sintering and agglomeration of particles on NiO-750 is obvious than NiO-650.