

# Improvement of water-, sulfur dioxide- and dust-resistance in selective catalytic reduction of $\text{NO}_x$ with $\text{NH}_3$ using wire-mesh honeycomb catalyst

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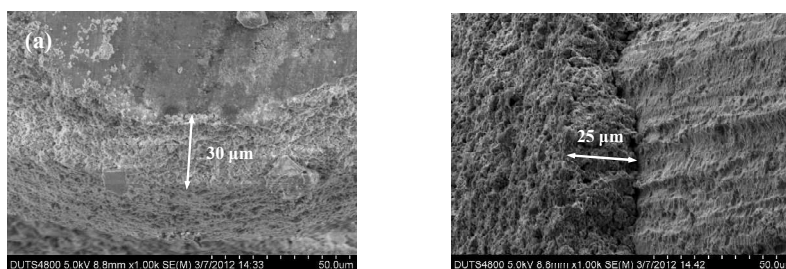


Fig S1. SEM of alumina coating on different substrates. (a) wire-mesh; (b) ceramic.

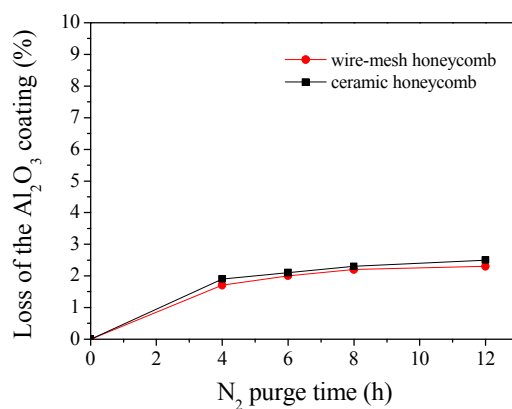


Fig S2. Mass loss of alumina coating over wire-mesh honeycomb and ceramic honeycomb with the time of SCR reaction, GHSV= 10,000  $\text{h}^{-1}$ .