

Supplementary file

Nickel-Based Structured Catalysts for Indirect Internal Reforming of Methane

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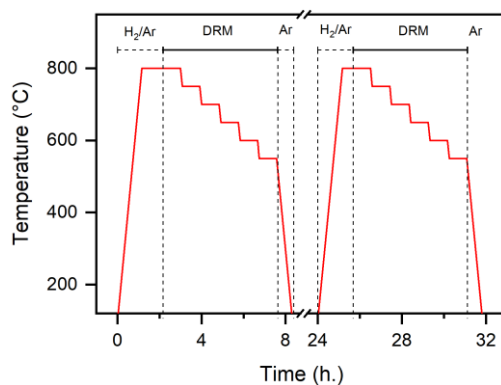
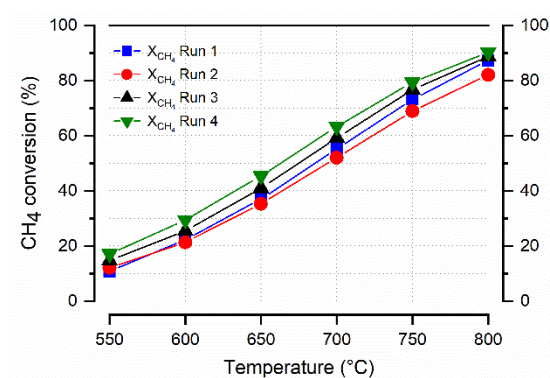
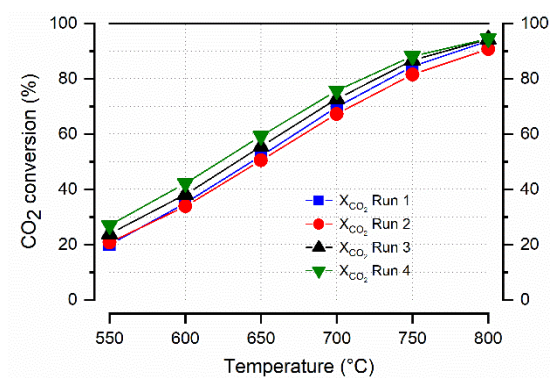


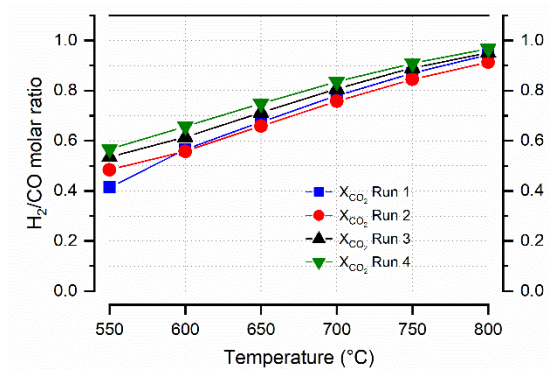
Figure S1. Daily start-up and shut-down operation (DSS).



(a)



(b)



(c)

Figure S2. (a) CH₄ and (b) CO₂ conversion (%) as a function of temperature, (c) the corresponding H₂/CO molar ratio, for the four catalytic runs. Reaction conditions: CH₄/CO₂ = 1; P = 1.3 bar; GHSV = 31000 h⁻¹(F3).