

Supplementary Material

Towards biomass gasification enhanced by structured iron-based catalysts

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Table of contents

Table S1: mean values and statistical parameters (standard deviation and error (calculated as standard deviation divided by mean value)) for each type of experiment.

Table S1. Mean values and statistical parameters (standard deviation and error (calculated as standard deviation divided by mean value) for each type of experiment.

No catalyst	Mean value	Standard deviation	Error
CO ₂	15.05	0.202	1.3%
CH ₄	5.54	0.135	2.4%
CO	18.96	0.850	4.5%
H ₂	14.09	0.800	5.7%
C ₂ H ₄	1.32	0.030	2.3%
TAR	26.15	1.905	7.3%
Powder catalyst (high contact time)			
CO ₂	6.28	0.265	4.2%
CH ₄	4.30	0.126	2.9%
CO	22.66	0.501	2.2%
H ₂	27.67	0.400	1.4%
C ₂ H ₄	0.14	0.005	3.6%
TAR	8.10	0.400	4.9%
Powder catalyst (low contact time)			
CO ₂	11.73	0.550	4.7%
CH ₄	5.82	0.235	4.0%
CO	17.63	0.450	2.6%
H ₂	27.46	0.450	1.6%
C ₂ H ₄	1.40	0.060	4.3%
TAR	10.00	1.258	12.6%
Structured catalyst (high contact time)			
CO ₂	14.79	0.276	1.9%
CH ₄	5.70	0.246	4.3%
CO	19.53	0.497	2.5%
H ₂	14.46	0.585	4.0%
C ₂ H ₄	0.49	0.040	8.2%
TAR	15.20	0.400	2.6%
Structured catalyst (low contact time)			
CO ₂	13.76	0.450	3.3%
CH ₄	5.56	0.250	4.5%
CO	18.85	0.601	3.2%
H ₂	14.19	0.700	4.9%
C ₂ H ₄	1.19	0.040	3.4%
TAR	21.50	1.756	8.2%