

Supplementary Material Cover Sheet

Comprehensive research on the solid, liquid, and gaseous products of rice husk and rice straw torrefaction

Chuanshuai Chen, Guozhao Ji, Lan Mu, Yutao Zhang, Aimin Li*

Key Laboratory of Industrial Ecology and Environmental Engineering, School of
Environmental Science & Technology, Dalian University of Technology, Dalian,
116024, PR China

*Corresponding author.

Email address: leeam@dlut.edu.cn (A. Li)

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Table S1 Mass and energy balance of torrefaction of rice husk and rice straw. (M: mass unit; E: energy unit).

Samples	Energy input (kJ)	Solid		Liquid		Gas	
Raw-RH	0.00	100.00%M	100.00%E	0.00%M	0.00%E	0.00%M	0.00%E
200 °C-RH	727.20	91.17%M	98.46%E	8.70%M	1.54%E	0.13%M	0.00%E
225 °C-RH	835.20	89.90%M	97.29%E	9.72%M	2.71%E	0.38%M	0.00%E
250 °C-RH	973.80	84.35%M	93.94%E	14.65%M	5.98%E	1.00%M	0.08%E
275 °C-RH	1069.20	75.93%M	86.66%E	20.88%M	12.86%E	3.19%M	0.48%E
300 °C-RH	1216.80	63.43%M	77.62%E	30.12%M	21.25%E	6.44%M	1.13%E
Raw-RS	0.00	100.00%M	100.00%E	0.00%M	0.00%E	0.00%M	0.00%E
200 °C-RS	716.40	89.60%M	95.35%E	9.82%M	4.65%E	0.58%M	0.00%E
225 °C-RS	842.40	86.11%M	95.78%E	12.26%M	4.10%E	1.64%M	0.12%E
250 °C-RS	900.00	79.16%M	91.39%E	17.27%M	8.12%E	3.57%M	0.49%E
275 °C-RS	1069.20	69.53%M	83.96%E	23.86%M	14.98%E	6.61%M	1.05%E
300 °C-RS	1188.00	52.61%M	71.08%E	35.51%M	26.75%E	11.88%M	2.18%E