Supplementary Material

The combustion of forest humus blended with low-rank coal: Effects of oxygen ratio and blending ratio

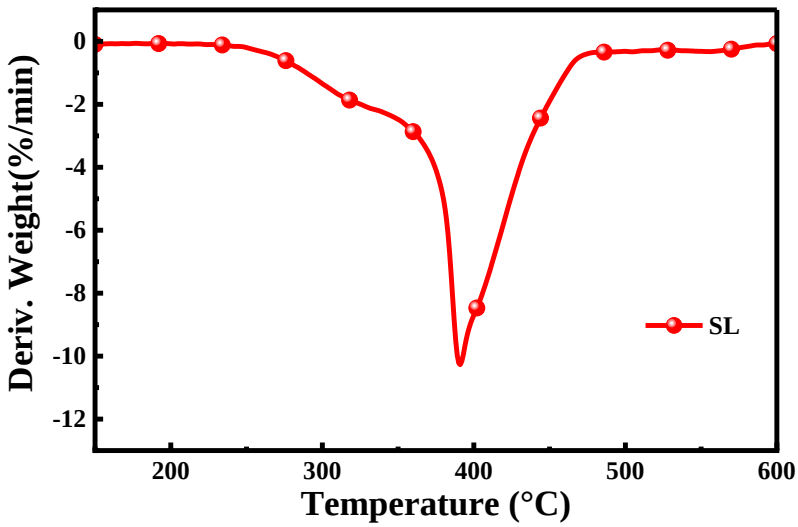

Figure S1. DTG curves of SL.

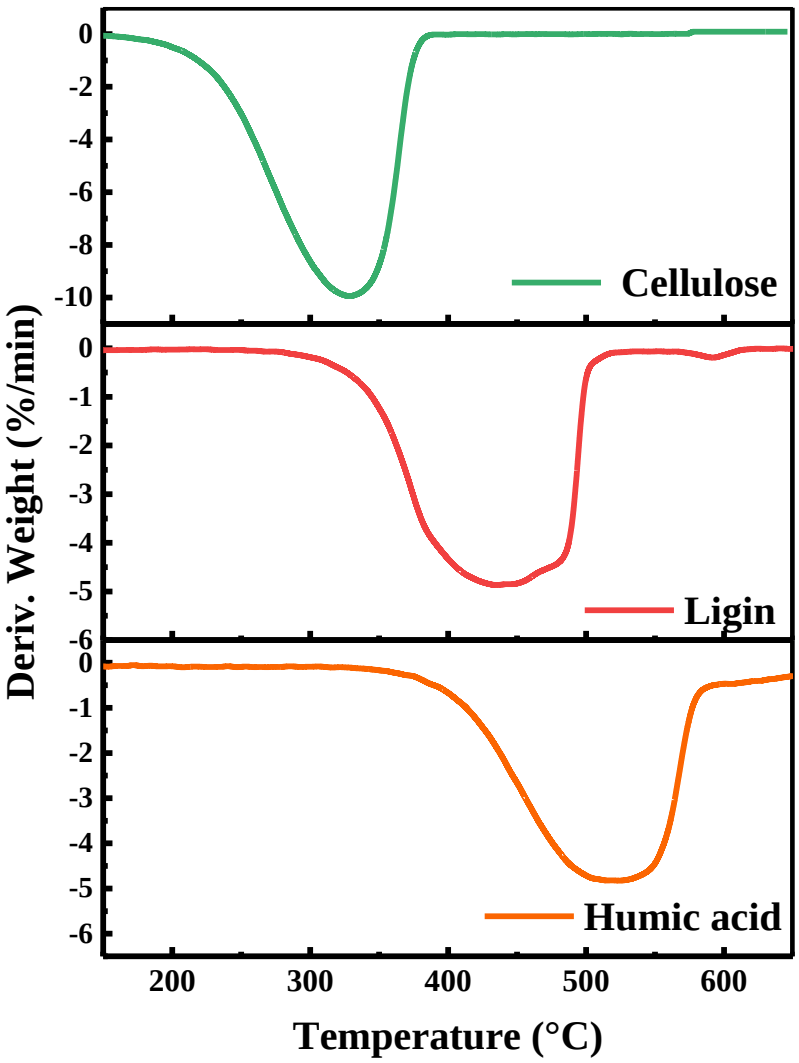

Figure S2. DTG curves of cellulose, lignin and humic acid.

Table S1. Combustion characteristic parameters of two blends.

Sample	T_i (°C)	T_{p1} (°C)	T_{p2} (°C)	T_{p3} (°C)	T_b (°C)	M_f (%)	τ (min)
NBR50% ($O_2$10%/$N_2$80%)	368.7	330.1	396.9	-	671.2	20.15	30.3
HBR50% ($O_2$10%/$N_2$80%)	311.7	329.4	388.5	505.4	609.5	18.86	29.8
NBR50% ($O_2$20%/$N_2$80%)	351.7	321.6	389.6	-	630.6	18.62	27.9
HBR50% ($O_2$20%/$N_2$80%)	305.4	321.1	378.3	498.5	580.4	17.64	27.5
NBR50% ($O_2$40%/$N_2$60%)	299.5	281.3	363.8	-	609.3	17.08	31.0
HBR50% ($O_2$40%/$N_2$60%)	262.1	280.2	362.2	-	566.2	16.73	30.4

Note: PN blending ratio of 50% is NBR50%.