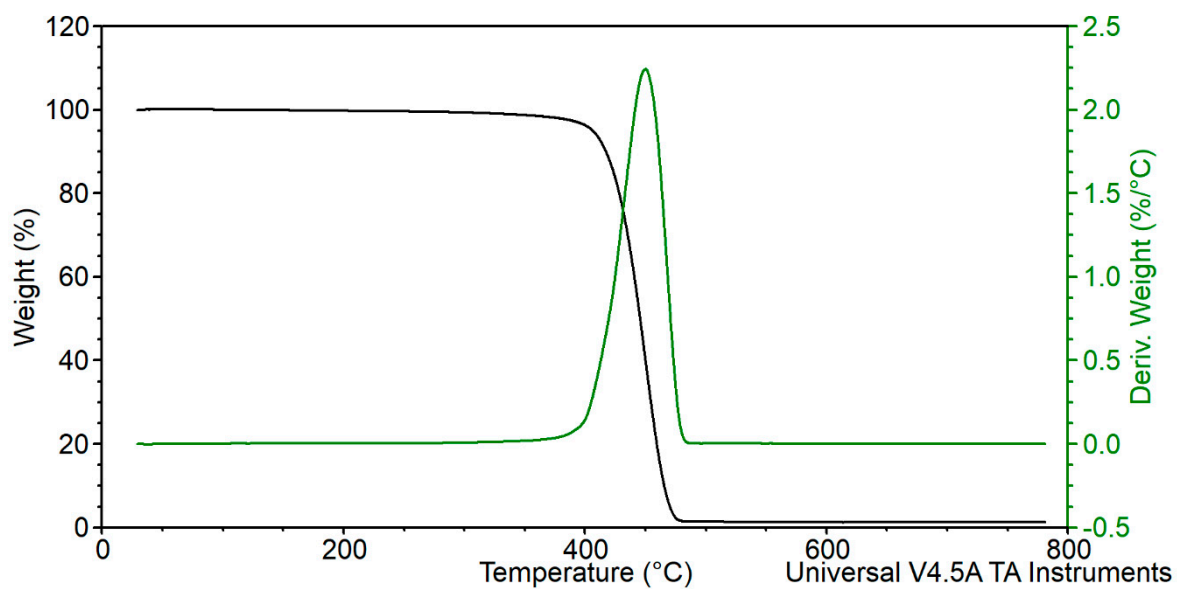
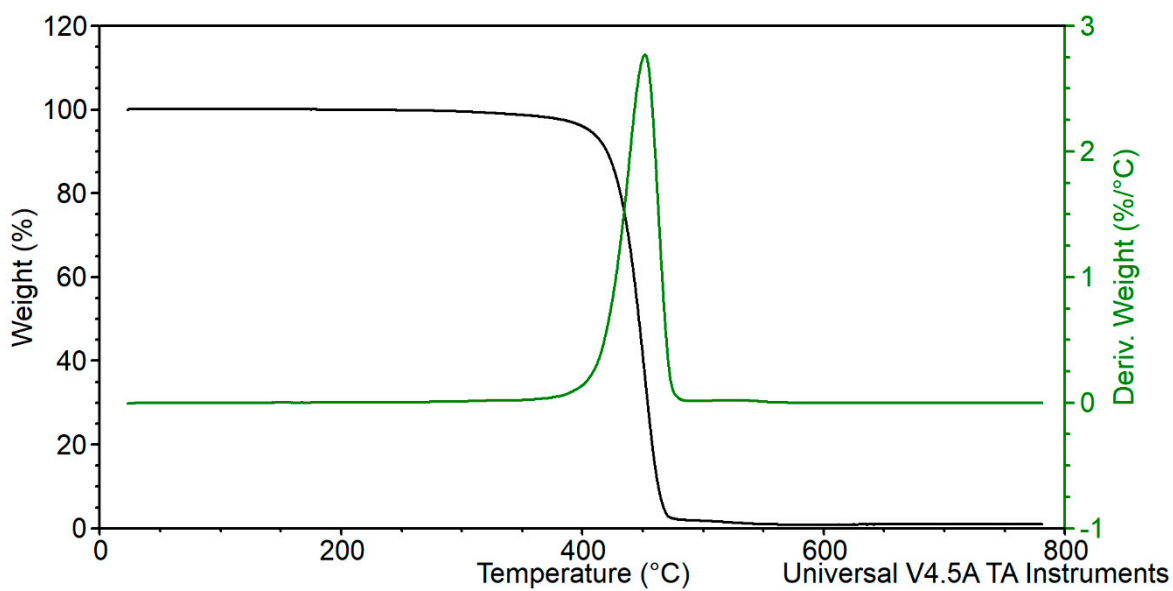


## SUPPLEMENTARY DATA

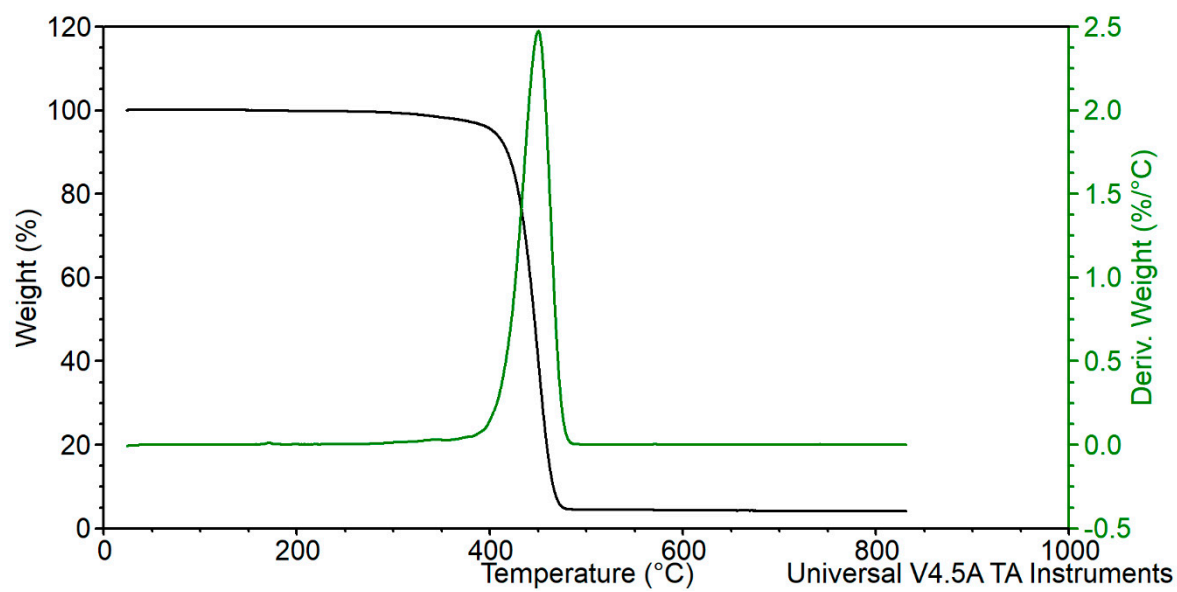
The TGA curves obtained for PA12 composites containing 1-5wt% metal oxides



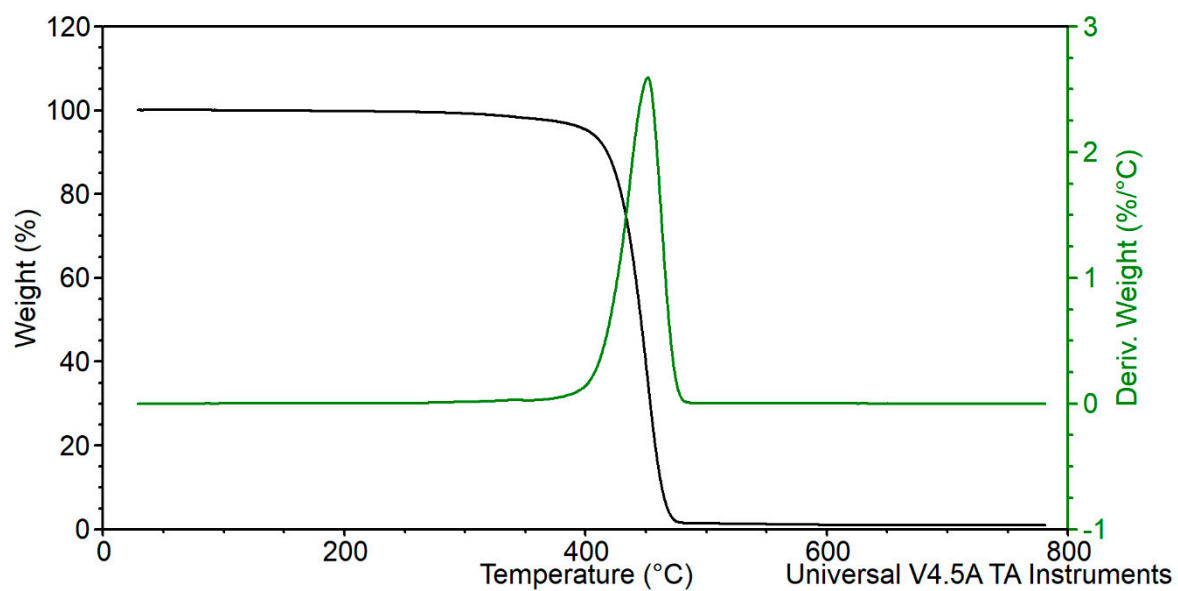
**Figure S1:** TGA curve of neat PA12.



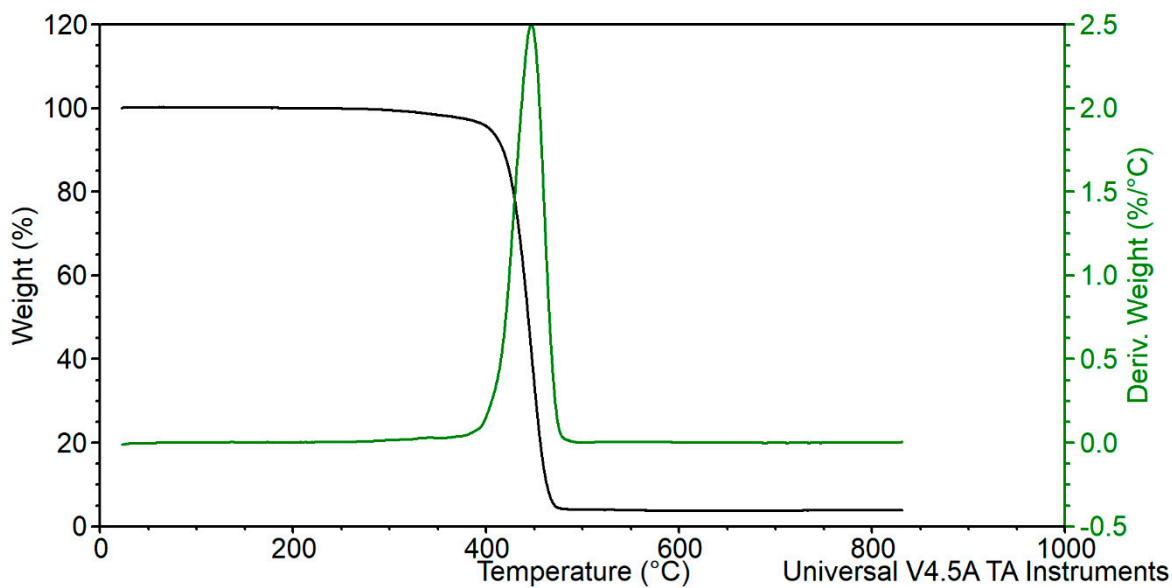
**Figure S2:** TGA curve of PA12+1wt% metal oxides.



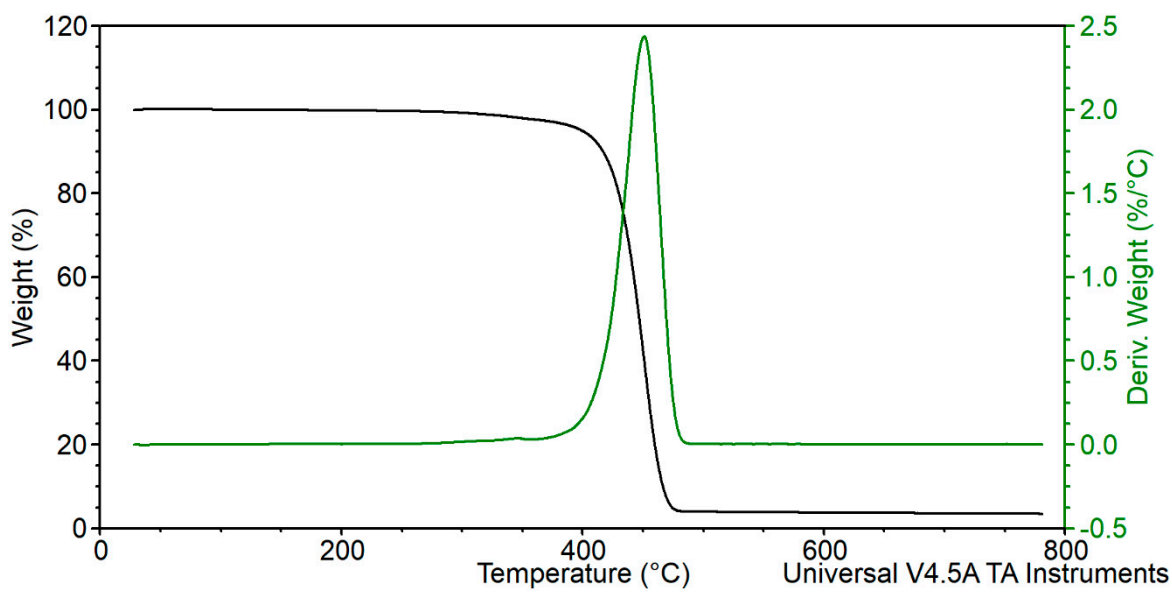
**Figure S3:** TGA curve of PA12+2wt% metal oxides.



**Figure S4:** TGA curve of PA12+3wt% metal oxides.



**Figure S5:** TGA curve of PA12+4wt% metal oxides.



**Figure S6:** TGA curve of PA12+5wt% metal oxides.