**Determination of *A* and *K* parameters for the calculation of the IPDT values**

$$A=\frac{S\_{1}+S\_{2}}{S\_{1}+S\_{2}+S\_{3}} $$

$$ K=\frac{S\_{1}+S\_{2}}{S\_{1}} $$

where *T*i and *T*fare the initial and final experimental temperatures of the TGA curve, respectively. Graphical representation of the areas *S*1, *S*2, and *S*3 is depicted in the following figure.

