E-mail: chuyan79@hotmail.com

2

$$\ln\left[\frac{-}{}\right.$$

α

PU w_t

mg

min

mol K R

K/s

$$\left(1-\frac{2RT}{E}\right)$$

$$\ln\left[\frac{-\ln(1}{T^2}\right.$$

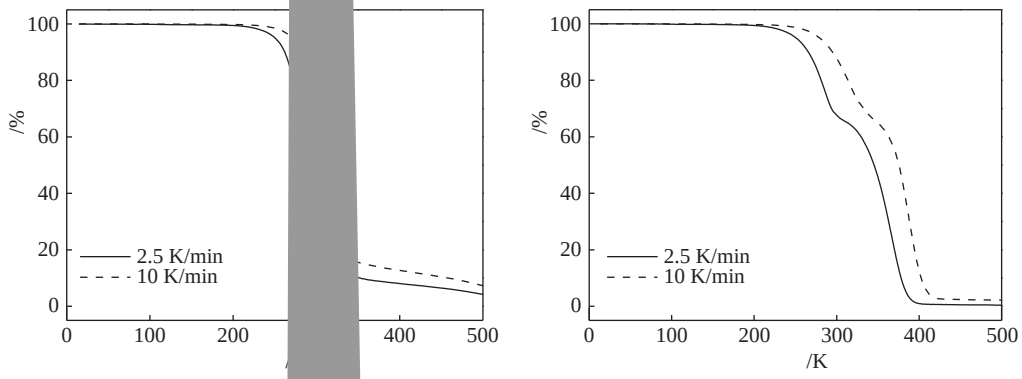
$$\ln\left[\frac{AR}{\beta E}\left(1-\frac{2RT}{E}\right)\right.$$

OZA 1.2

1

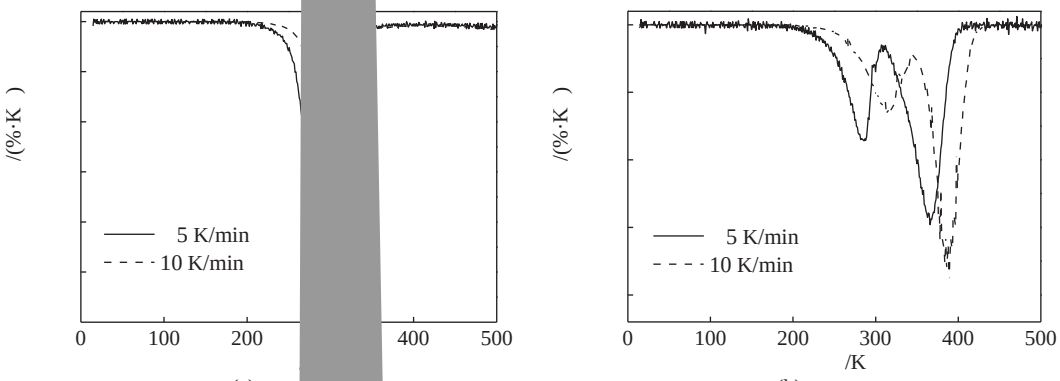
1 2 TG DTG

470~770



(a) (b)

1 TG



(a) (b)

2 DTG

3

3.1 Coats-Redferm

530 K 550 K 533 K

Coats-R 555 K

$$\ln\left[\frac{-\ln(1-\alpha)}{T^2}\right]$$

3 4

=2.5 K/min

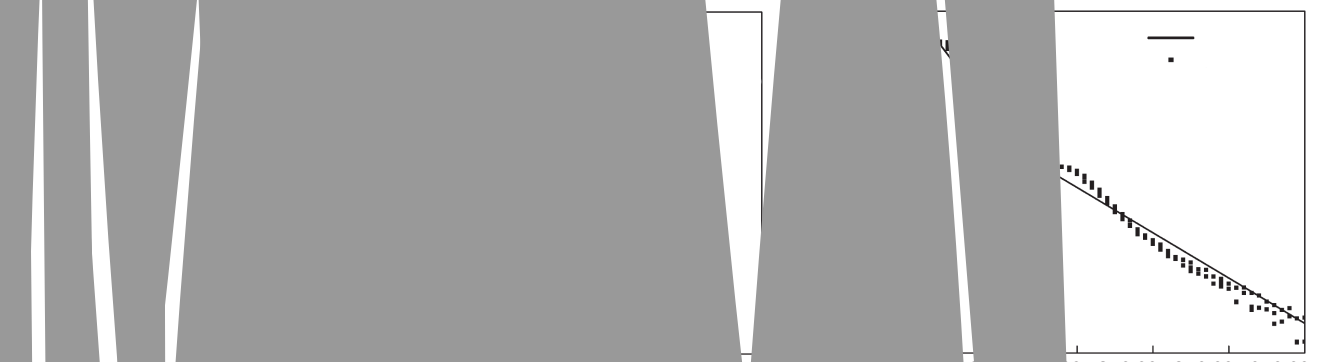
181 kJ/mol

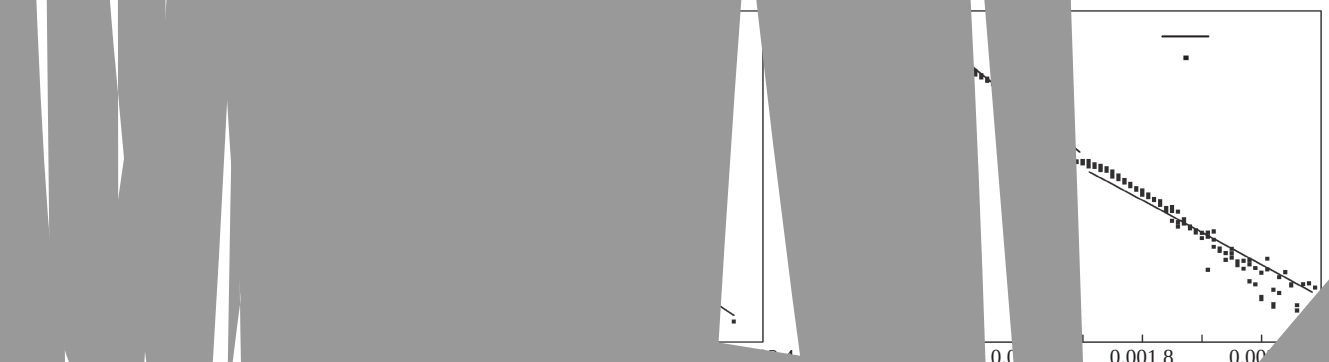
110 kJ/mol =10 K/min

266.19 kJ/mol 205.85 kJ/mol

1

80%





		mol^{-1}	
2.		120.49	
		3.87	
		×10^{8}	
		×10^{8}	
		×10^{12}	
		×10^{8}	
593~		×10^{18}	

V/V^* enius

$\ln\left(\beta/T^2\right)$

- 1
- 2 ,
- 3 . [C]//
- 4 ,
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