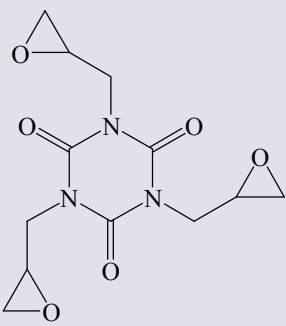
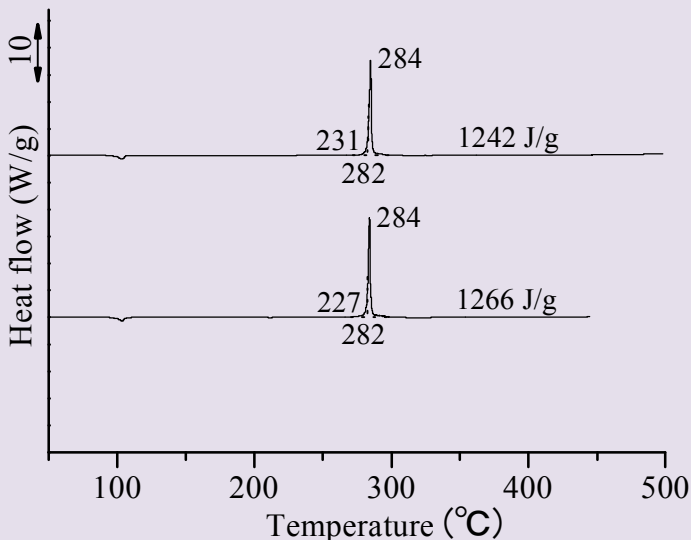
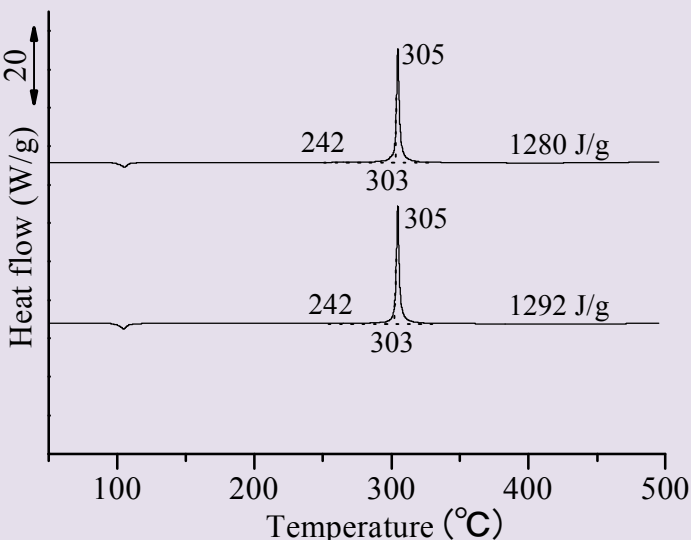
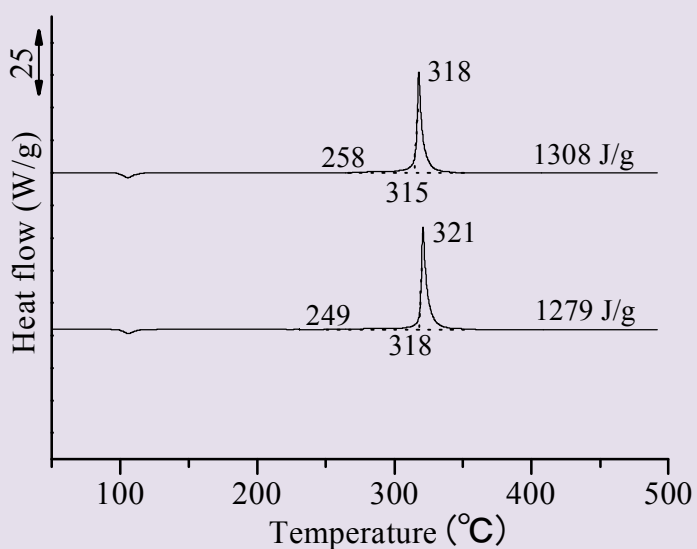


Triglycidyl isocyanate	$C_{12}H_{15}N_3O_6$ tGIS
	DSC device: SII DSC 7020 SII Nano Technology Inc. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) SII Nano Technology Inc. Sample: ALDRICH (> 98.0%)
a) 2 K/min	
	<Average> T_a : 229 °C T_o : 282 °C T_{top} : 284 °C Q_{DSC} : 1254 J/g
b) 5 K/min	
	<Average> T_a : 242 °C T_o : 303 °C T_{top} : 305 °C Q_{DSC} : 1286 J/g

c) 10 K/min



<Average>

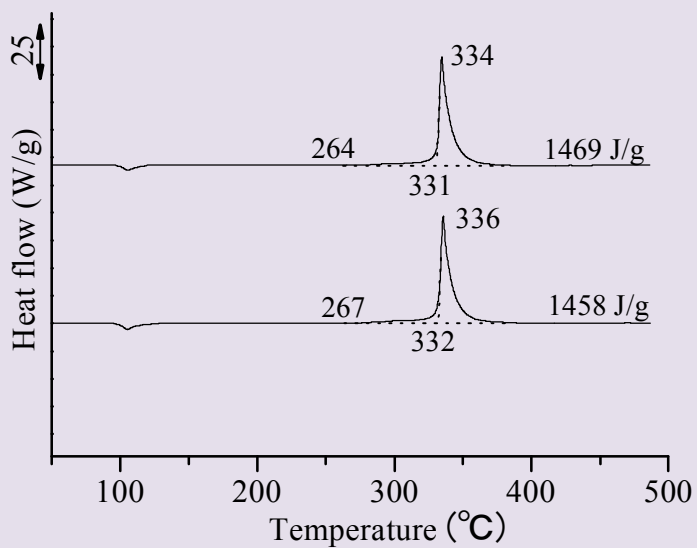
T_a : 254 °C

T_o : 317 °C

T_{top} : 320 °C

Q_{DSC} : 1291 J/g

d) 20 K/min



<Average>

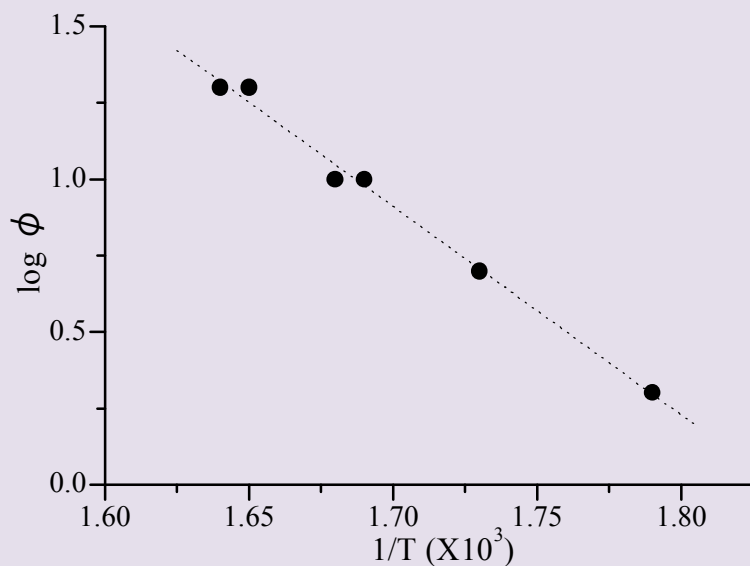
T_a : 266 °C

T_o : 332 °C

T_{top} : 335 °C

Q_{DSC} : 1464 J/g

ASTM PLOT



$\Delta E : 127 \text{ kJ/mol}$
 $A : 3.66 \times 10^{22}$
 $r : -0.99747$

Heat rate ϕ (K/min)	T_{peak} ($^{\circ}\text{C}$)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	284	557	1.79	0.301
	284	557	1.79	0.301
5	305	578	1.73	0.699
	305	578	1.73	0.699
10	318	591	1.69	1.00
	321	594	1.68	1.00
20	334	607	1.65	1.30
	336	609	1.64	1.30