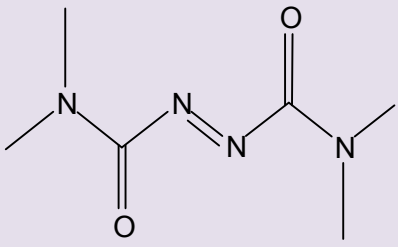
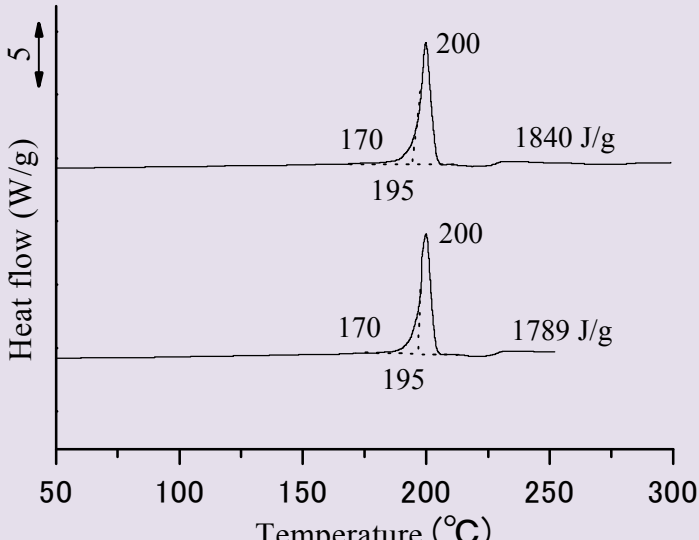
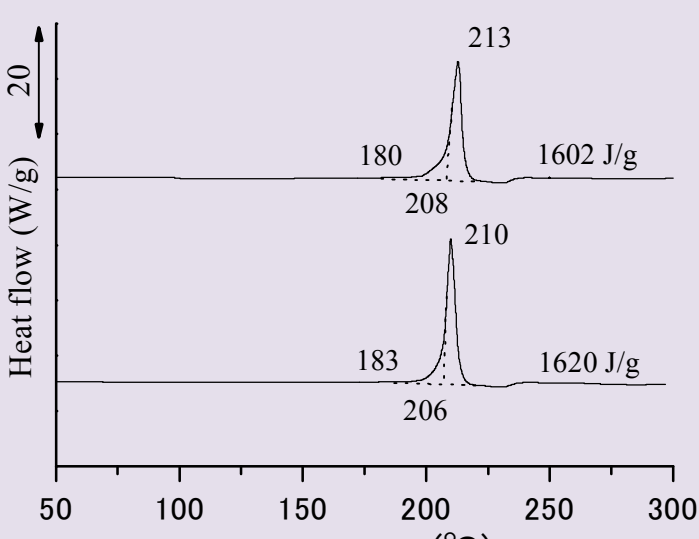
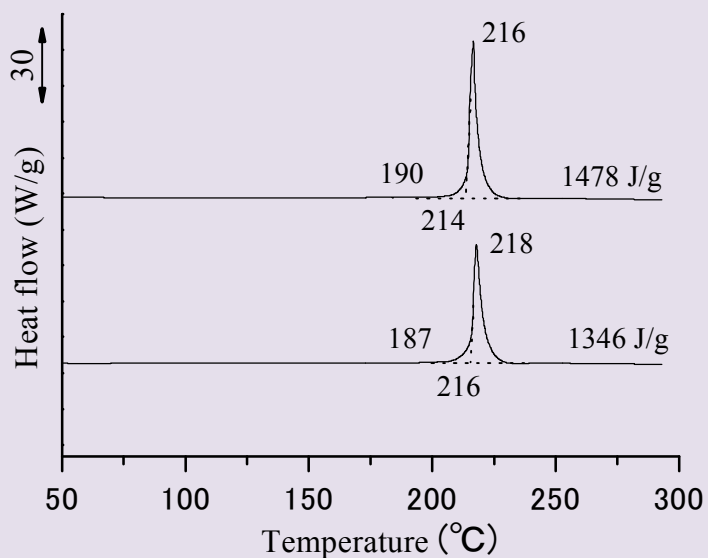


Azodicarbonamide	$H_2NCON:NCONH_2$ ADCA
	DSC device: SII DSC 7020 SII Nano Technology Inc. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) SII Nano Technology Inc. Sample: Wako (> 95.0%)
a) 2 K/min Wako: 和光純薬工業株式会社	
	<p><Average></p> <p>T_a: 170 °C T_o: 195 °C T_{top}: 200 °C Q_{DSC}: 1815 J/g</p>
b) 5 K/min	
	<p><Average></p> <p>T_a: 182 °C T_o: 207 °C T_{top}: 212 °C Q_{DSC}: 1611 J/g</p>

c) 10 K/min



< Average >

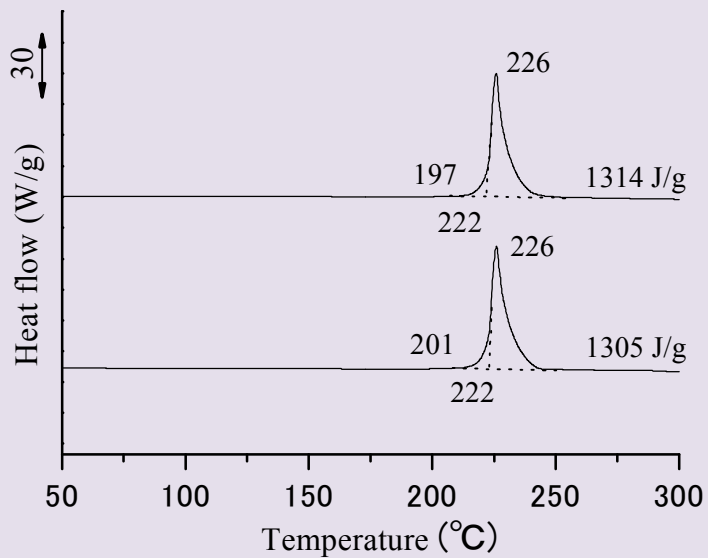
T_a : 189 °C

T_o : 215 °C

T_{top} : 217 °C

Q_{DSC} : 1412 J/g

d) 20 K/min



< Average >

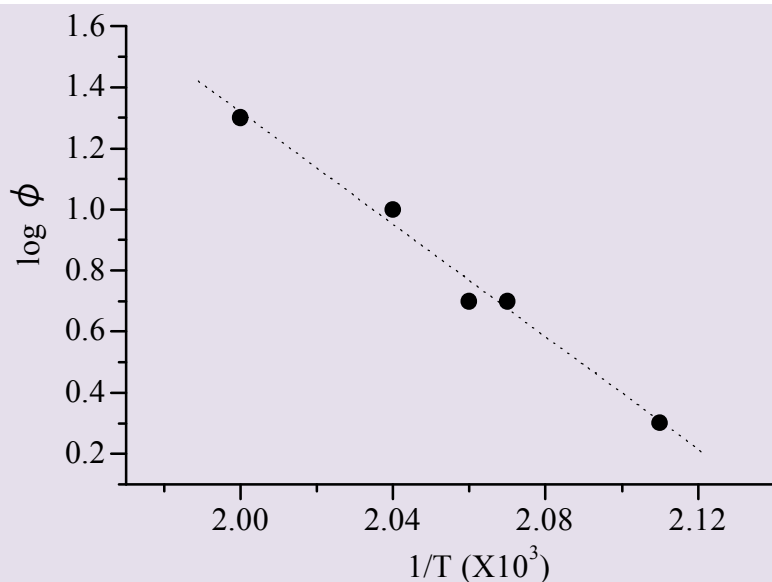
T_a : 199 °C

T_o : 222 °C

T_{top} : 226 °C

Q_{DSC} : 1310 J/g

ASTM PLOT



$\Delta E : 172 \text{ kJ/mol}$
 $A : 2.94 \times 10^{30}$
 $r = -0.99505$

Heat rate ϕ (K/min)	T_{peak} (°C)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	200	473	2.11	0.301
	200	473	2.11	0.301
5	213	486	2.06	0.699
	210	483	2.07	0.699
10	216	489	2.04	1.00
	218	491	2.04	1.00
20	226	499	2.00	1.30
	226	499	2.00	1.30