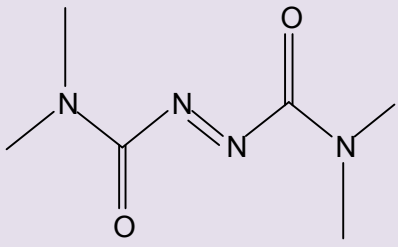
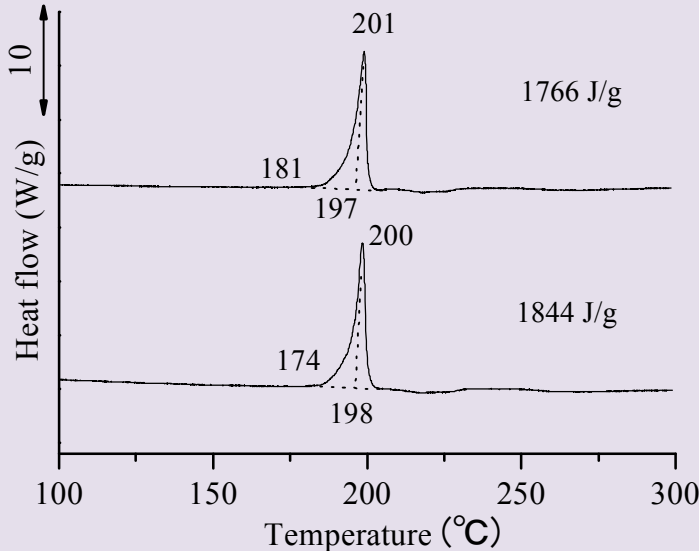
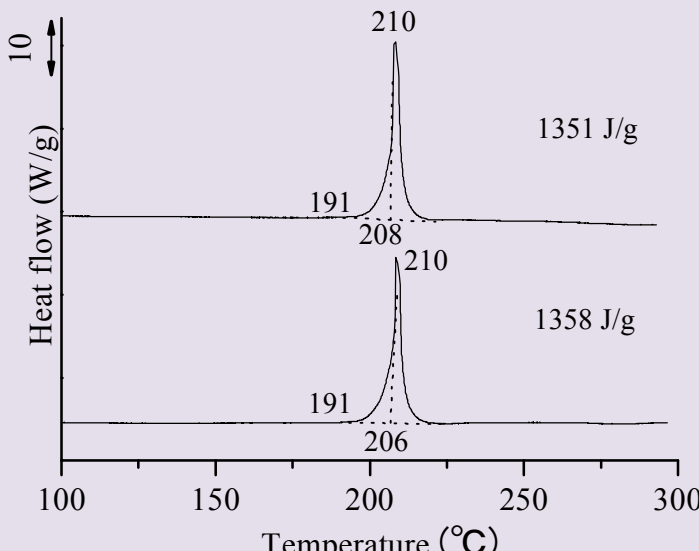
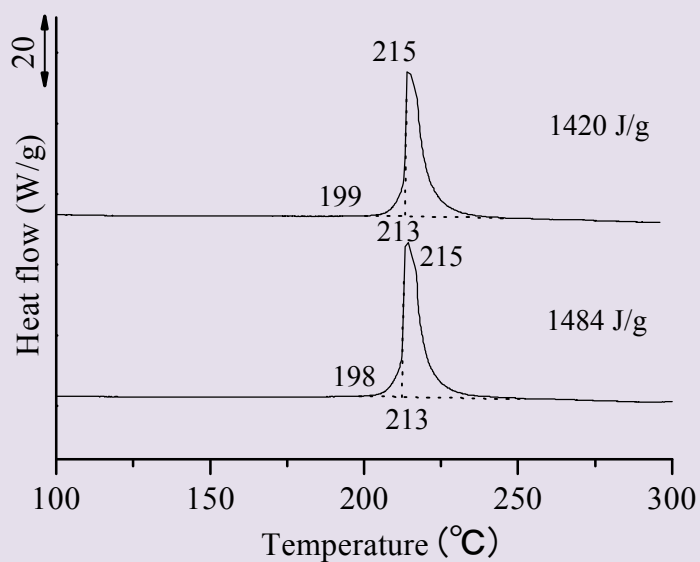


Azodicarbonamide	H ₂ NCON:NCONH ₂ ADCA
	DSC device: DSC8270B Rigaku Corp. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) Rigaku Corp. Sample: Wako (> 95.0%)
a) 2K/min Wako: 和光純薬工業株式会社	
	<Average> T _a : 178 °C T _o : 198 °C T _{top} : 201 °C Q _{DSC} : 1825 J/g
b) 5K/min	
	<Average> T _a : 191 °C T _o : 207 °C T _{top} : 210 °C Q _{DSC} : 1355 J/g

c) 10 K/min



<Average>

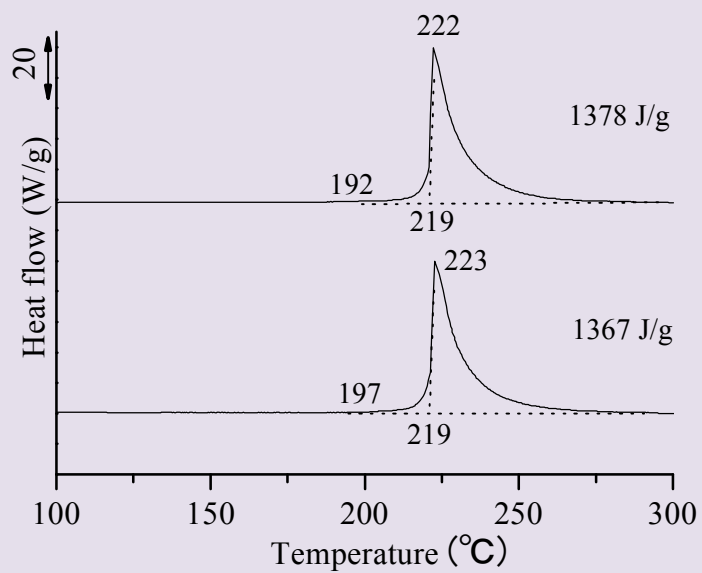
T_a : 199 °C

T_o : 213 °C

T_{top} : 226 °C

Q_{DSC} : 1452 J/g

d) 20 K/min



<Average>

T_a : 195 °C

T_o : 219 °C

T_{top} : 223 °C

Q_{DSC} : 1373 J/g

ASTM PLOT

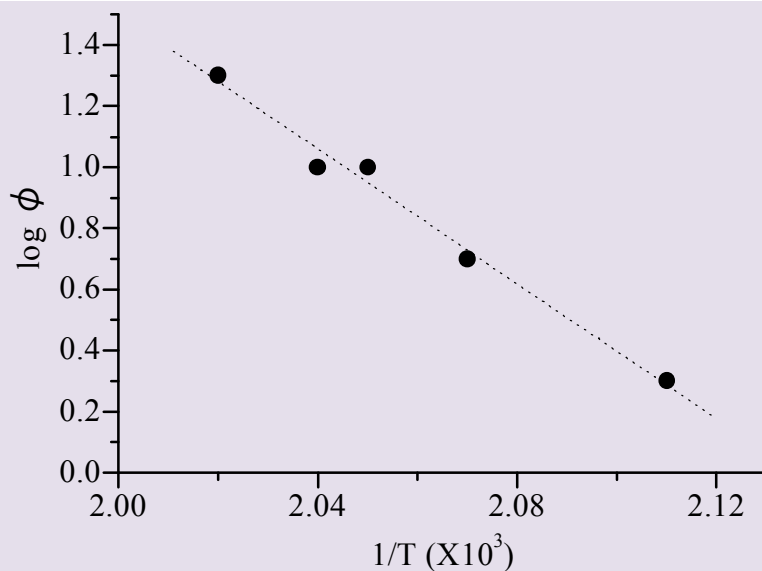


Table (ASTM)

Heat rate ϕ (K/min)	T_{peak} (°C)	T_m (K)	$1/T_m \cdot 10^3$	$\log(\phi)$
2	201	474	2.11	0.301
	200	473	2.11	0.301
5	210	483	2.07	0.699
	210	483	2.07	0.699
10	215	488	2.05	1.00
	216	489	2.04	1.00
20	222	495	2.02	1.30
	223	496	2.02	1.30