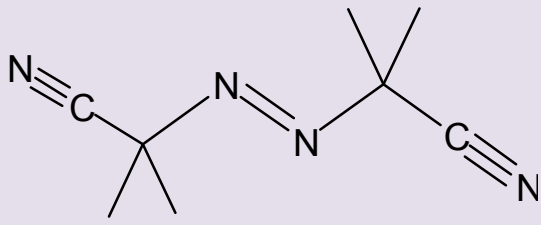
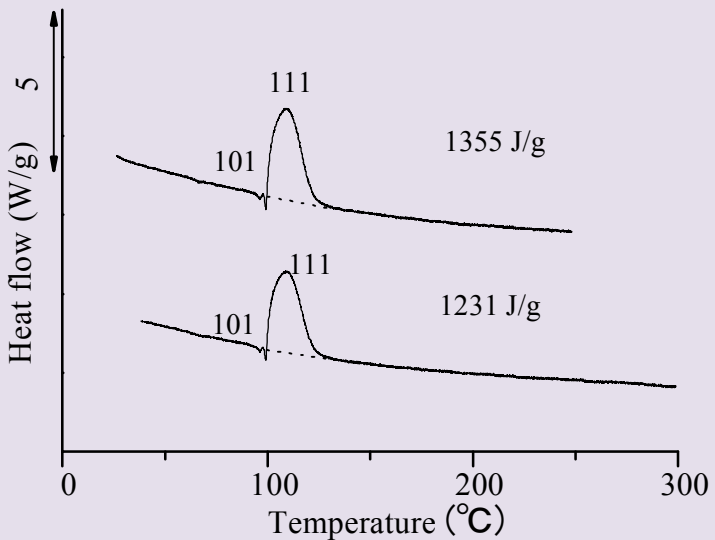
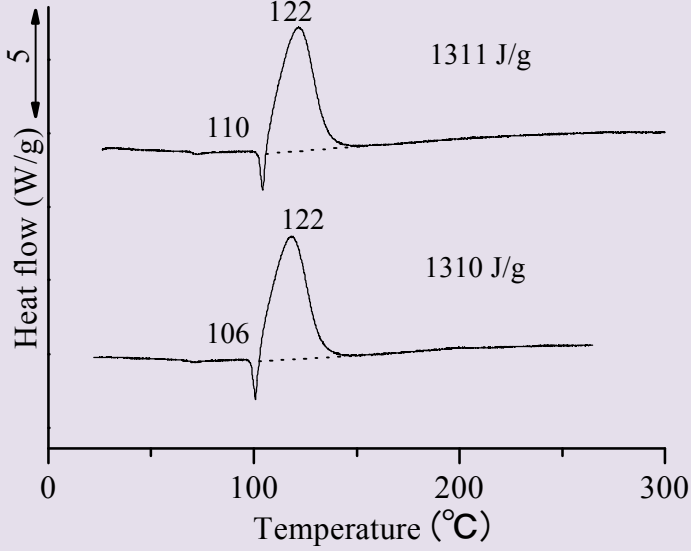
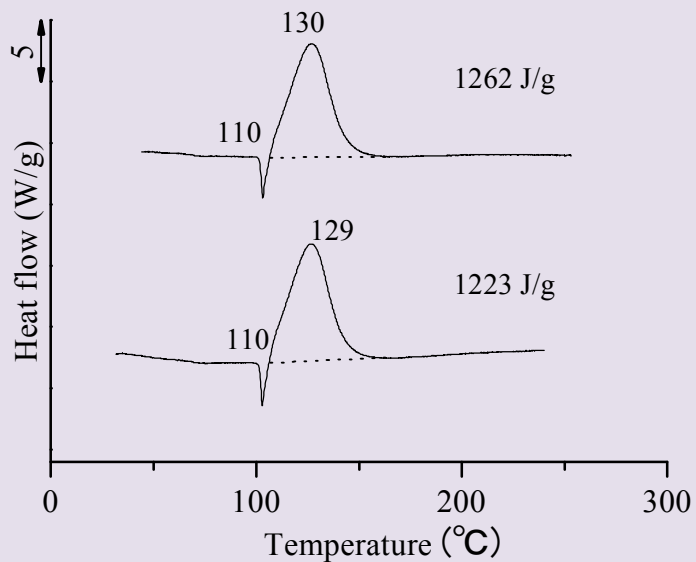


<p>2,2'-Azobis(isobutyronitrile)</p>	<p>$(\text{CH}_3)_2\text{C}(\text{CN})\text{N}:\text{N}(\text{CN})(\text{CH}_3)_2$ AIBN</p>
	<p>DSC device: DSC8270B Rigaku Corp. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) Rigaku Corp. Sample: Wako (> 98.0%)</p>
<p>a) 2K/min Wako: 和光純薬工業株式会社</p>	
	<p><Average> T_a: 101 °C T_o: 101 °C T_{top}: 111 °C Q_{DSC}: 1293 J/g</p>
<p>b) 5K/min</p>	
	<p><Average> T_a: 108 °C T_o: 108 °C T_{top}: 122 °C Q_{DSC}: 1311 J/g</p>

c) 10K/min



<Average>

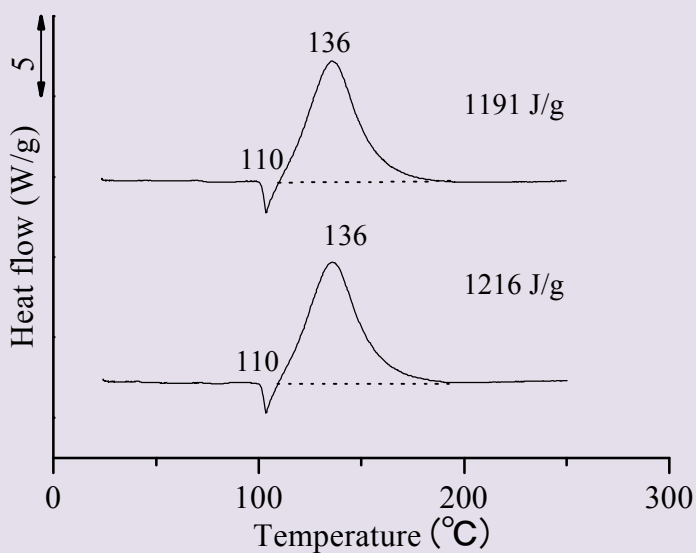
T_a : 110 °C

T_o : 110 °C

T_{top} : 130 °C

Q_{DSC} : 1243 J/g

d) 20 K/min



<Average>

T_a : 110 °C

T_o : 110 °C

T_{top} : 136 °C

Q_{DSC} : 1204 J/g

ASTM PLOT

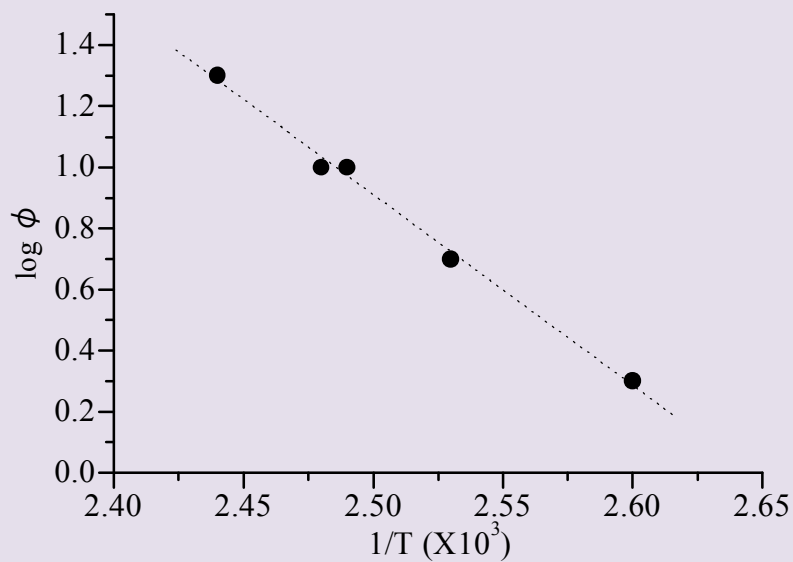


Table (ASTM)

Heat rate ϕ (K/min)	T_{peak} ($^{\circ}\text{C}$)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	111	384	2.60	0.301
	111	384	2.60	0.301
5	122	395	2.53	0.699
	122	395	2.53	0.699
10	130	403	2.48	1.00
	129	402	2.49	1.00
20	136	409	2.44	1.30
	136	409	2.44	1.30