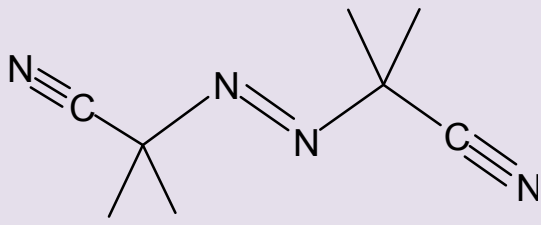
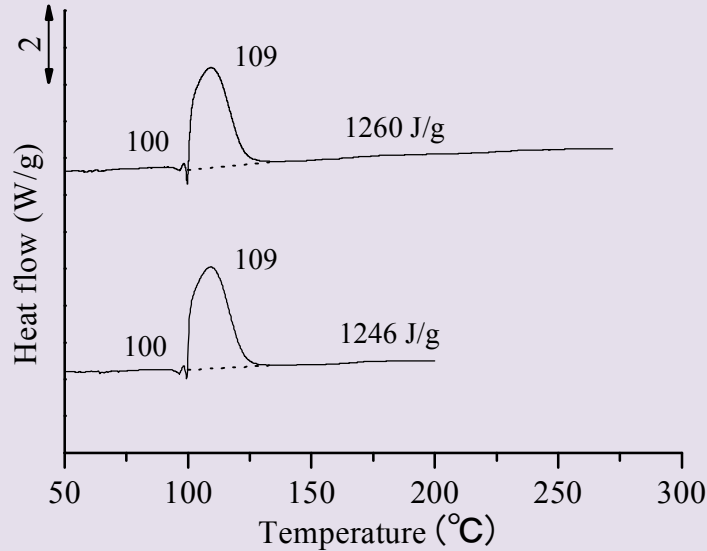
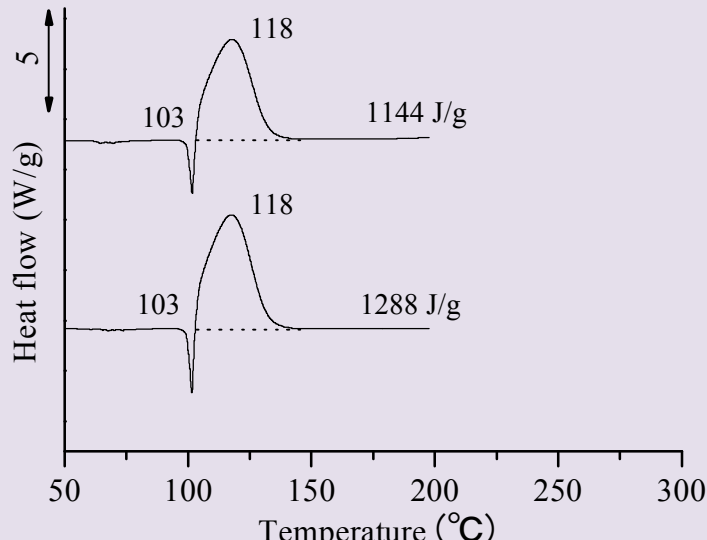
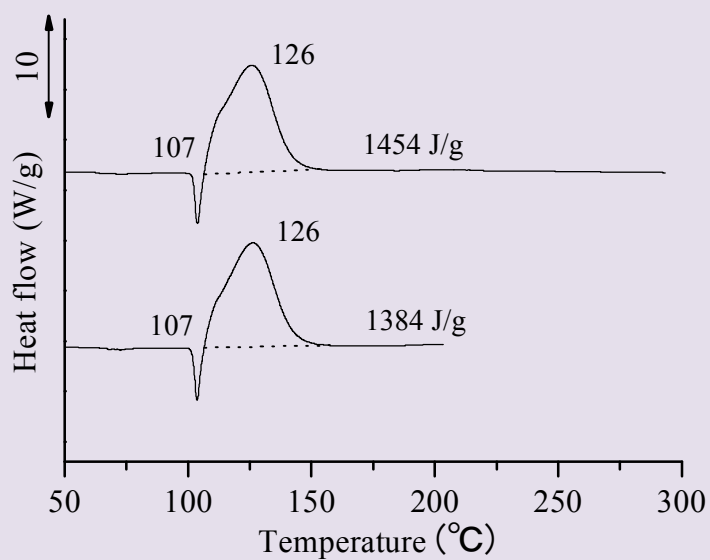


<p>2,2'-Azobis(isobutyronitrile)</p>	<p>$(\text{CH}_3)_2\text{C}(\text{CN})\text{N}:\text{N}(\text{CN})(\text{CH}_3)_2$ AIBN</p>
	<p>DSC device: SII DSC 7020 SII Nano Technology Inc. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) SII Nano Technology Inc. Sample: Wako (> 98.0%)</p>
<p>a) 2 K/min Wako: 和光純薬工業株式会社</p>	
	<p>< Average > T_a: 100 °C T_o: 100 °C T_{top}: 109 °C Q_{DSC}: 1253 J/g</p>
<p>b) 5 K/min</p>	
	<p>< Average > T_a: 103 °C T_o: 103 °C T_{top}: 118 °C Q_{DSC}: 1216 J/g</p>

c) 10 K/min



<Average>

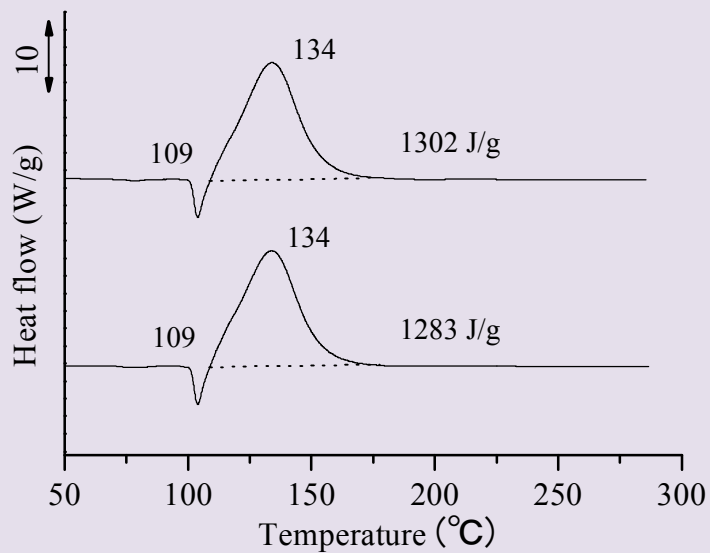
T_a : 107 °C

T_o : 107 °C

T_{top} : 126 °C

Q_{DSC} : 1419 J/g

d) 20 K/min



<Average>

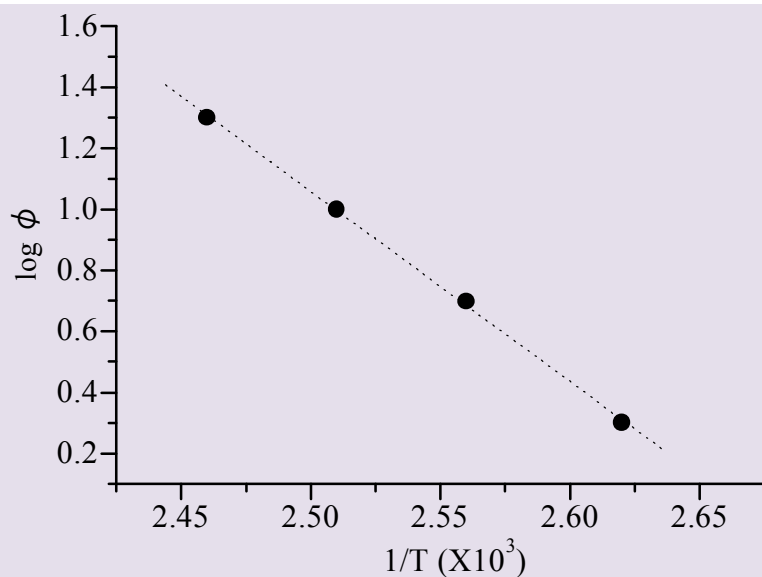
T_a : 109 °C

T_o : 109 °C

T_{top} : 134 °C

Q_{DSC} : 1293 J/g

ASTM PLOT



ΔE : 116 kJ/mol
 A : 3.73×10^{20}
 $r = -0.99966$

Heat rate ϕ (K/min)	T_{peak} ($^{\circ}\text{C}$)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	109	382	2.62	0.301
	109	382	2.62	0.301
5	118	391	2.56	0.699
	118	391	2.56	0.699
10	126	399	2.51	1.00
	126	399	2.51	1.00
20	134	407	2.46	1.30
	134	407	2.46	1.30