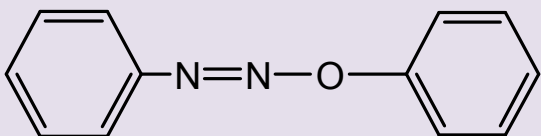
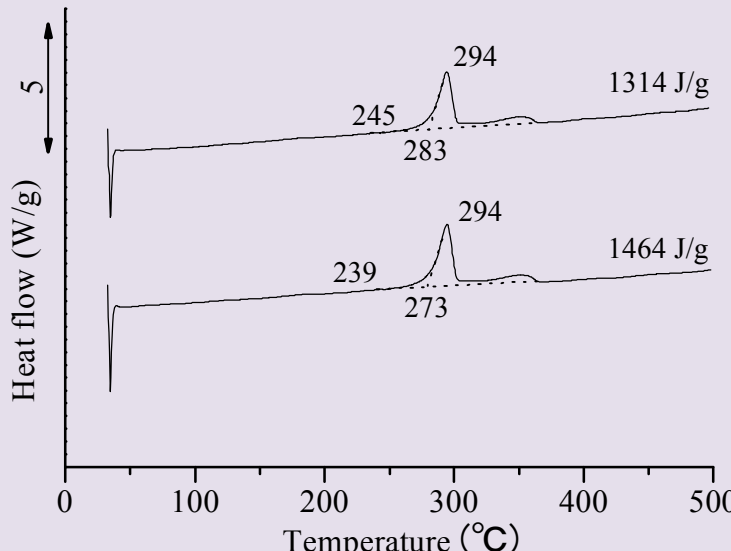
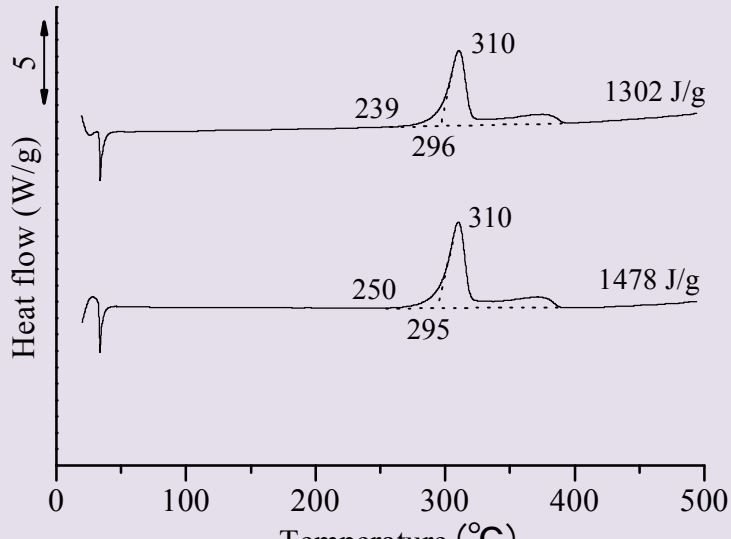
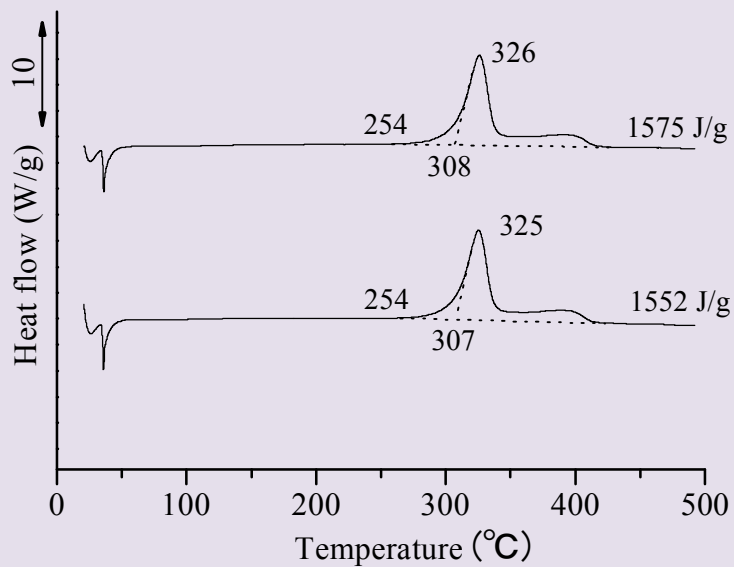


Azoxybenzene	$C_6H_5N:NOC_6H_5$ AzoxyB
	DSC device: SII DSC 7020 SII Nano Technology Inc. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) SII Nano Technology Inc. Sample: Wako
a) 2K/min <span style="float: right;">Wako: 和光純薬工業株式会社</span>	
 <div style="float: right; margin-top: 20px;">                 &lt;Average&gt;  <math>T_a</math>: 242 °C  <math>T_o</math>: 278 °C  <math>T_{top}</math>: 294 °C  <math>Q_{DSC}</math>: 1389 J/g             </div>	
b) 5K/min	
 <div style="float: right; margin-top: 20px;">                 &lt;Average&gt;  <math>T_a</math>: 245 °C  <math>T_o</math>: 296 °C  <math>T_{top}</math>: 310 °C  <math>Q_{DSC}</math>: 1390 J/g             </div>	

c) 10K/min



<Average>

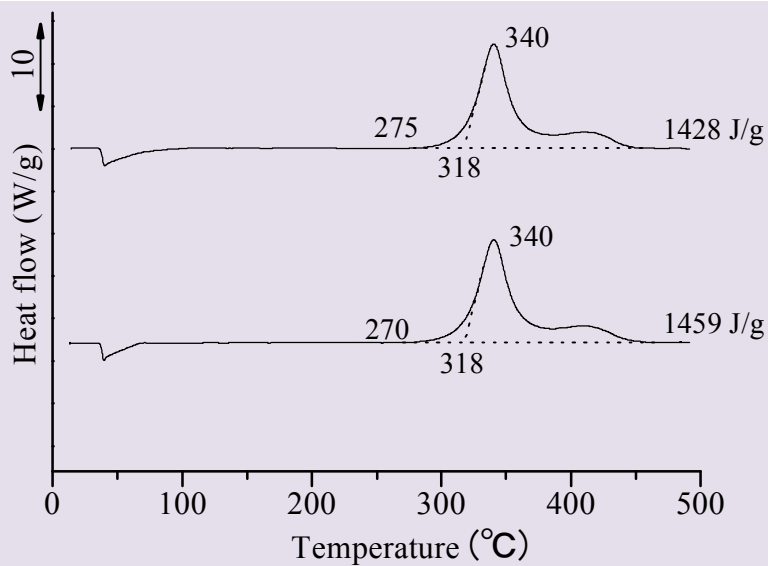
$T_a$  : 254 °C

$T_o$  : 308 °C

$T_{top}$  : 326 °C

$Q_{DSC}$  : 1564 J/g

d) 20 K/min



<Average>

$T_a$  : 273 °C

$T_o$  : 318 °C

$T_{top}$  : 340 °C

$Q_{DSC}$  : 1444 J/g

## ASTM PLOT

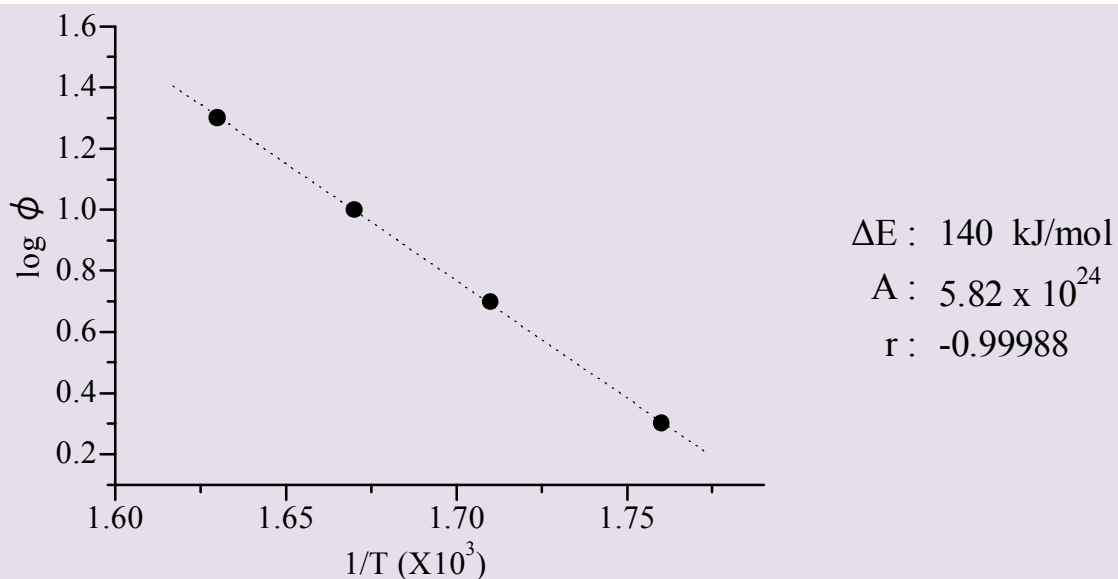


Table (ASTM)

Heat rate $\phi$ (K/min)	$T_{\text{peak}}$ (°C)	$T_m$ (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	294	567	1.76	0.301
	294	567	1.76	0.301
5	310	583	1.71	0.699
	310	583	1.71	0.699
10	326	599	1.67	1.00
	325	598	1.67	1.00
20	340	613	1.63	1.30
	340	613	1.63	1.30