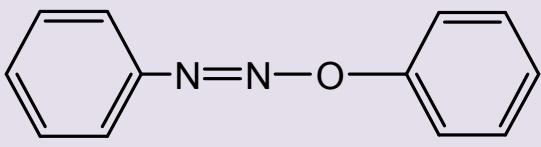
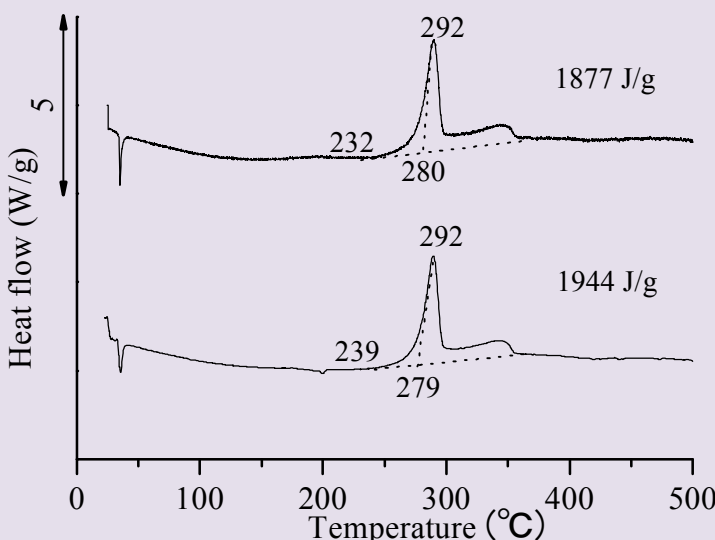
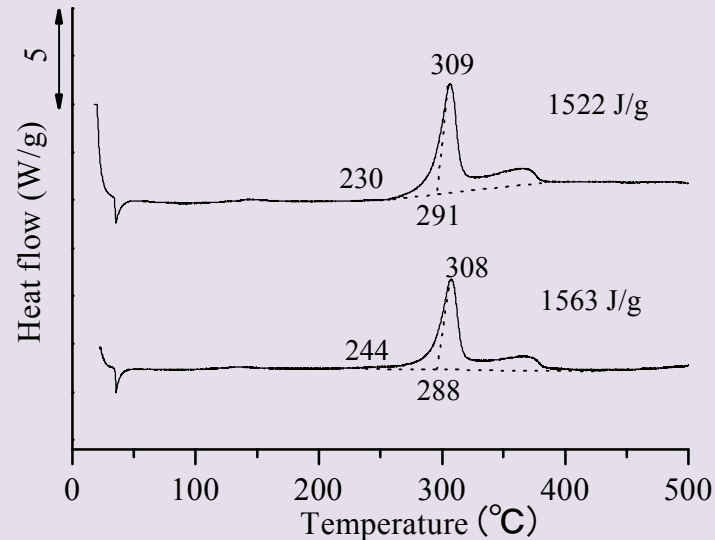
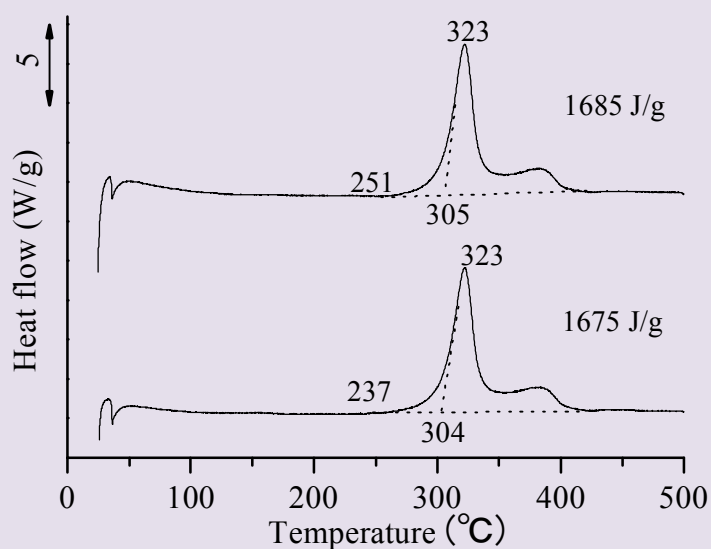


Azoxybenzene	$C_6H_5N:NOC_6H_5$ AzoxyB
	DSC device: DSC8270B Rigaku Corp. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) Rigaku Corp. Sample: Wako
a) 2K/min Wako: 和光純薬工業株式会社	
 <div style="float: right; margin-top: 20px;"> <p><Average></p> <p>T_a: 236 °C</p> <p>T_o: 280 °C</p> <p>T_{top}: 292 °C</p> <p>Q_{DSC}: 1911 J/g</p> </div>	
b) 5K/min	
 <div style="float: right; margin-top: 20px;"> <p><Average></p> <p>T_a: 237 °C</p> <p>T_o: 290 °C</p> <p>T_{top}: 309 °C</p> <p>Q_{DSC}: 1543 J/g</p> </div>	

c) 10K/min



<Average>

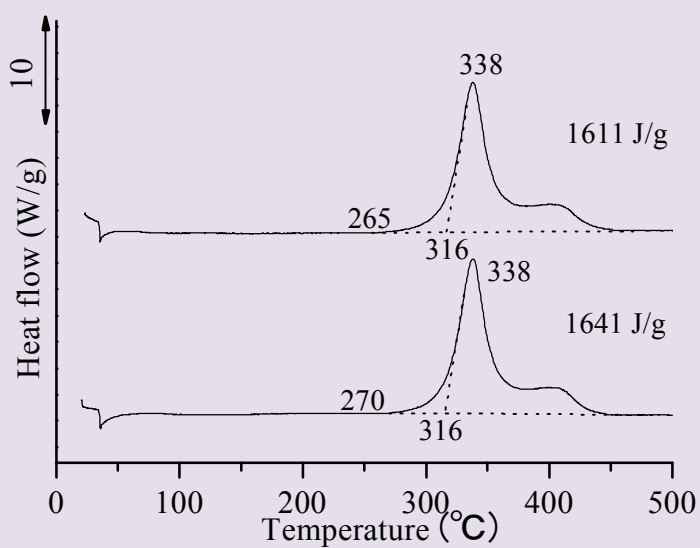
T_a : 244 °C

T_o : 305 °C

T_{top} : 323 °C

Q_{DSC} : 1680 J/g

d) 20 K/min



<Average>

T_a : 268 °C

T_o : 316 °C

T_{top} : 338 °C

Q_{DSC} : 1626 J/g

ASTM PLOT

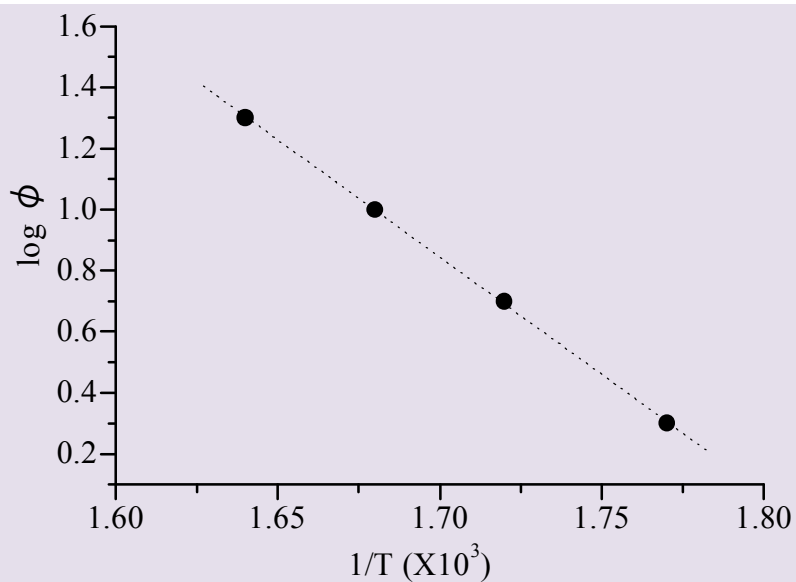


Table (ASTM)

Heat rate ϕ (K/min)	T_{peak} (°C)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	292	565	1.77	0.301
	292	565	1.77	0.301
5	309	582	1.72	0.699
	308	581	1.72	0.699
10	323	596	1.68	1.00
	323	596	1.68	1.00
20	338	611	1.64	1.30
	338	611	1.64	1.30