附图

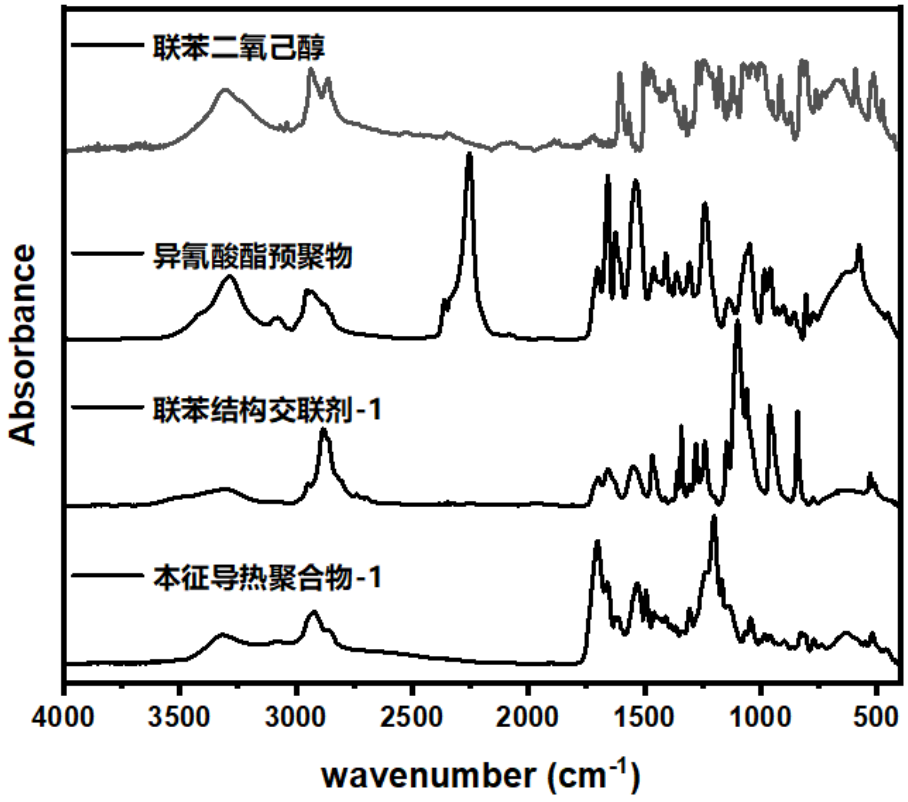
联苯二氧己醇
异氰酸酯预聚物
联苯结构交联剂-1
本征导热聚合物-1
Absorbance
4000
3500
3000
2500
2000
1500
1000
500
wavenumber (cm-1)

图 1

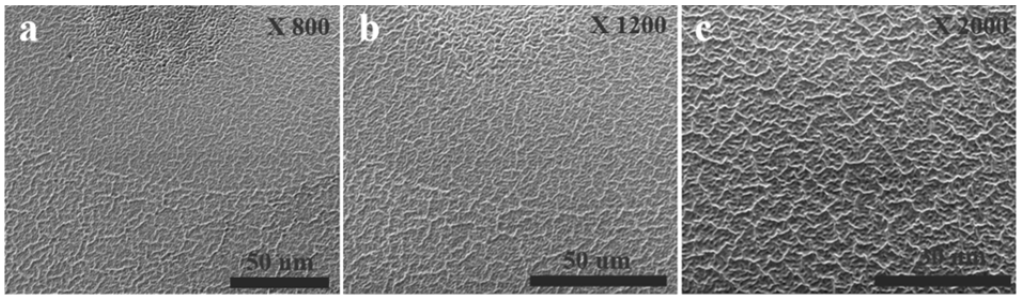
a
X 800
50 μm
b
X 1200
50 μm
c
X 2000
50 μm

图 2

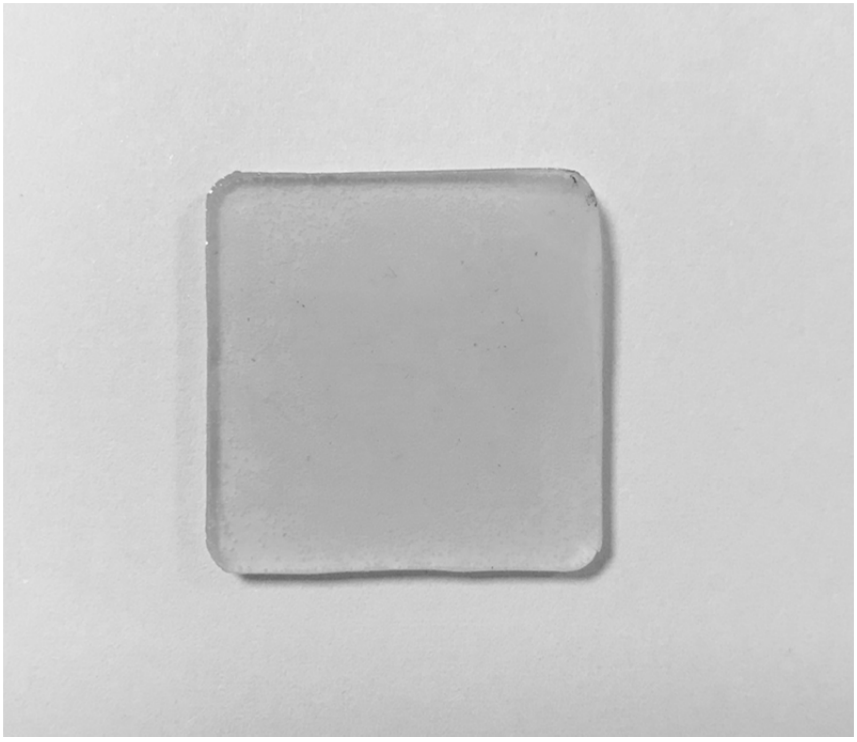

图 3

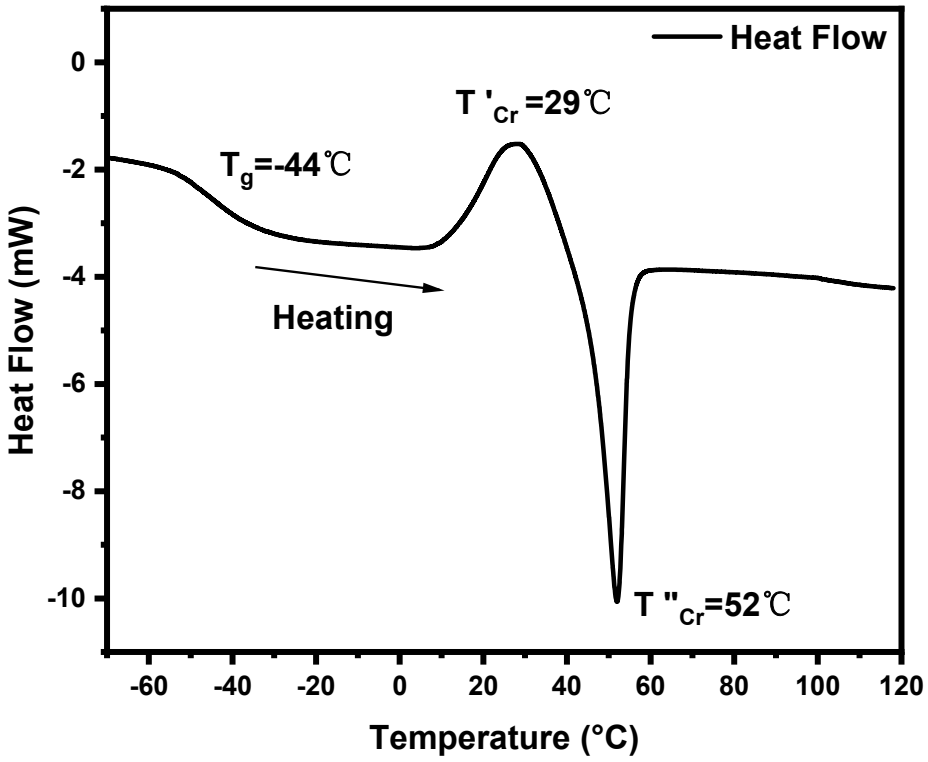
Heat Flow
T 'Cr =29℃
Tg=-44℃
Heating
T "Cr=52℃
Heat Flow (mW)
0
-2
-4
-6
-8
-10
-60
-40
-20
0
20
40
60
80
100
120
Temperature (°C)

图 4

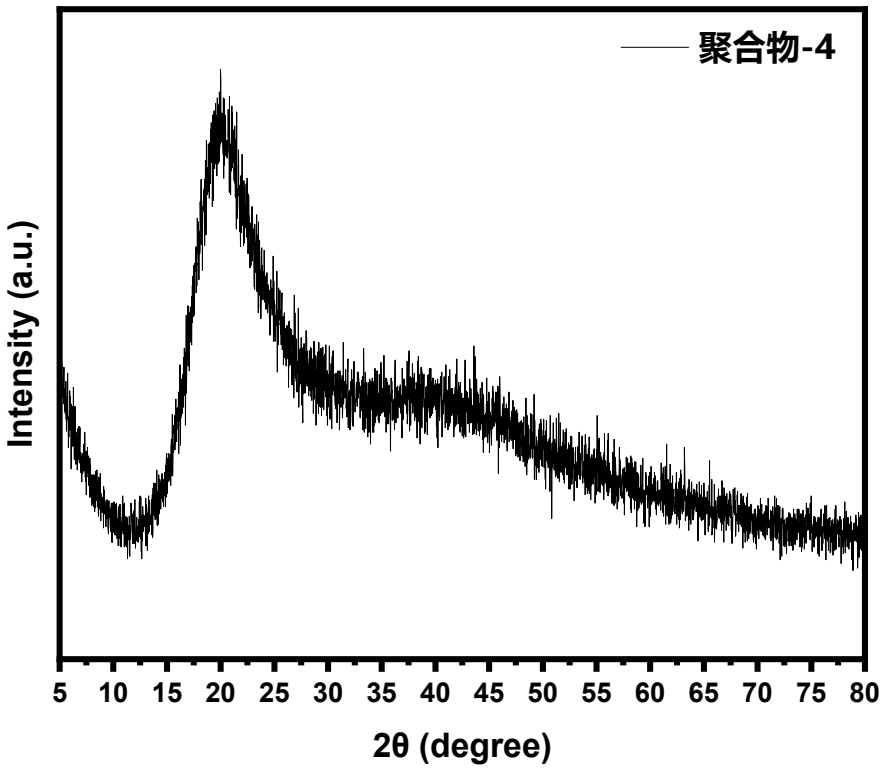
聚合物-4
Intensity (a.u.)
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80
2θ (degree)

图 5

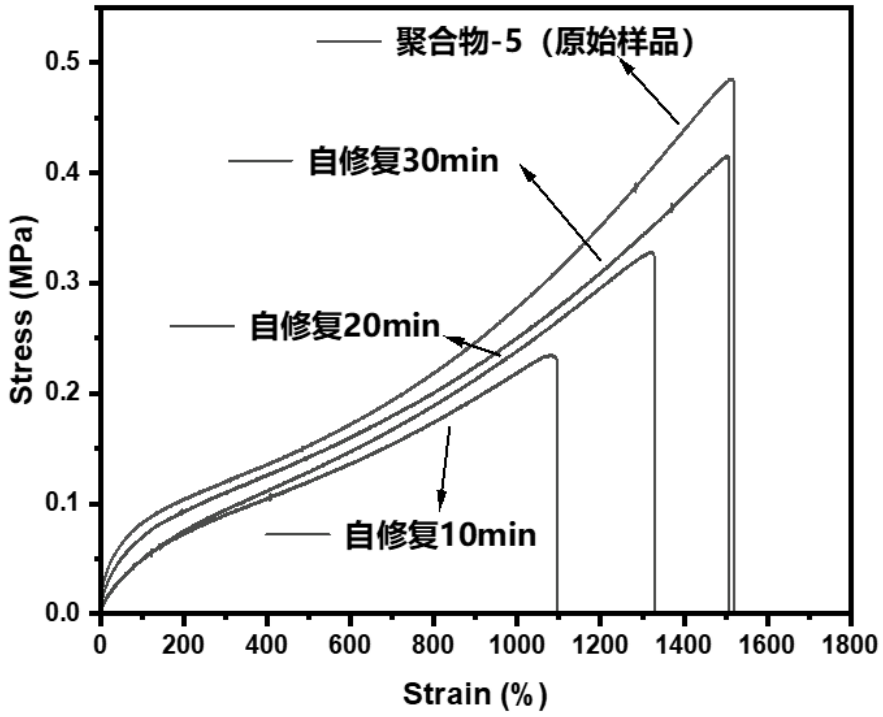
聚合物-5（原始样品）
自修复30min
自修复20min
自修复10min
Stress (MPa)
0.0 0.1 0.2 0.3 0.4 0.5
0 200 400 600 800 1000 1200 1400 1600 1800
Strain (%)

图 6