

Support information “*Dual-responsive and super absorbing thermo-crosslinked hydrogel based on methacrylate substituted polyphosphazene*”

1) FTIR characterization of the dry material, unannealed PMAPhos.

3157 cm^{-1} – O-H stretching –COOH (dimer)

3150 and 3050 cm^{-1} - C=C-H asymmetric and symmetric stretching

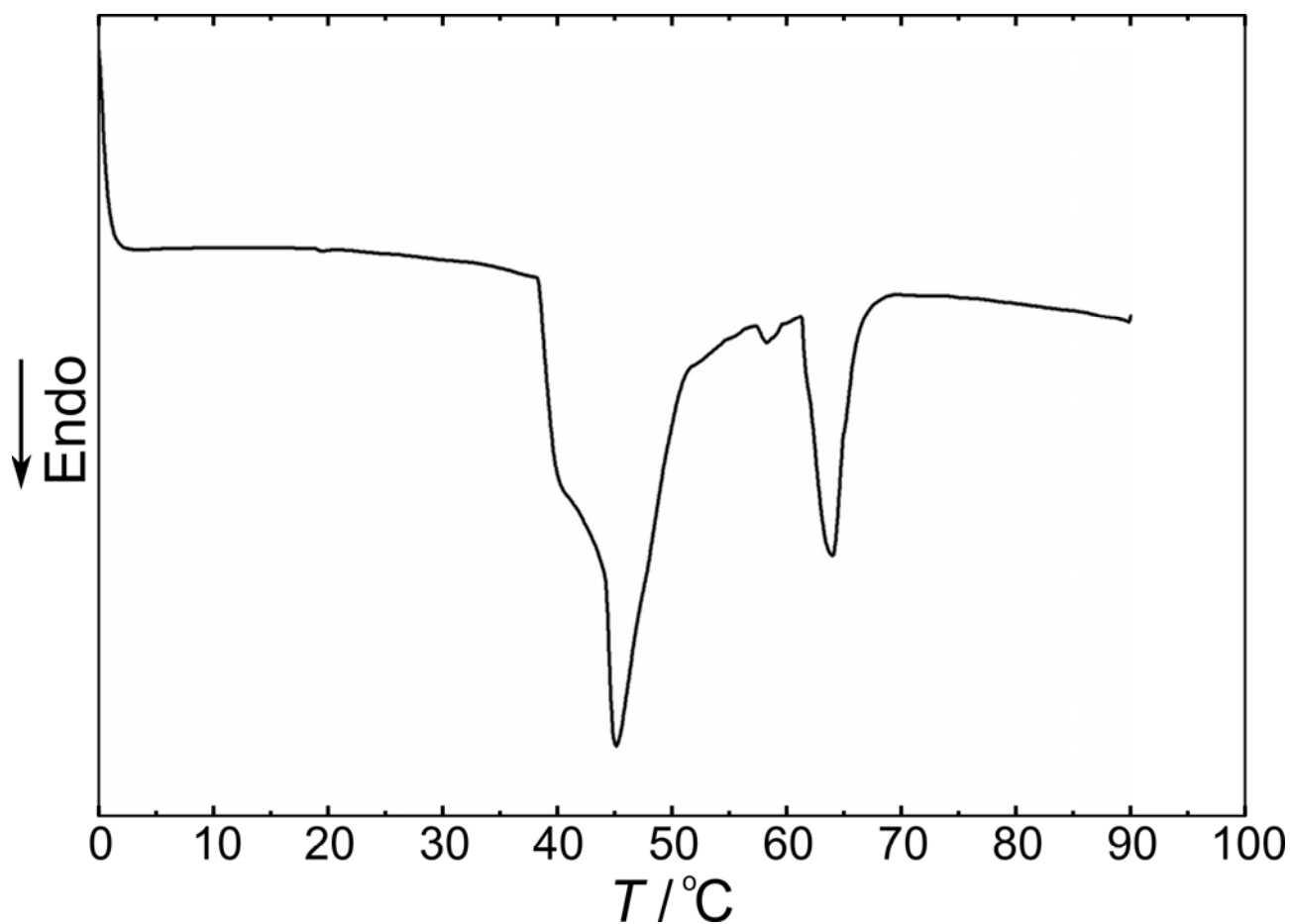
1723 cm^{-1} - C=O stretching

1664 cm^{-1} - C=C stretching

1222 cm^{-1} - P=N stretching

981 cm^{-1} - P-O-C stretching

2) DSC curves for the annealed hydrogel



Caption : Support information Figure 1 - DSC curve for the unannealed hydrogel, under nitrogen atmosphere