

Supplementary Information

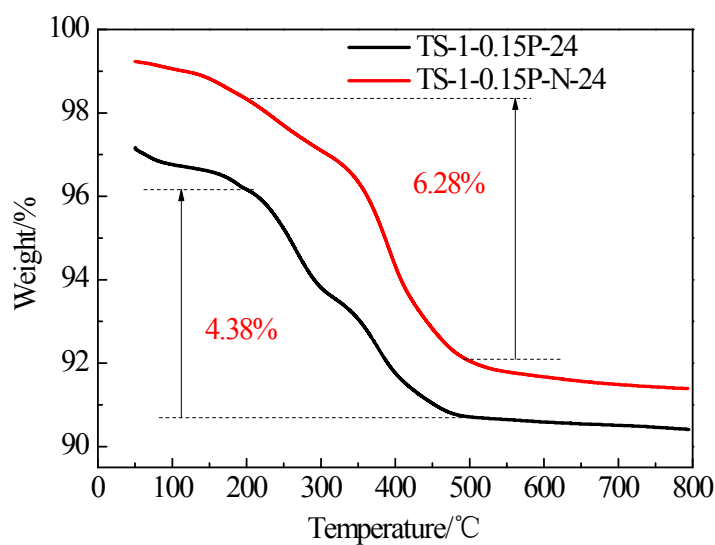


Figure 1 The TGA curves of uncalcined TS-1-0.15P-24 and TS-1-0.15P-N-24

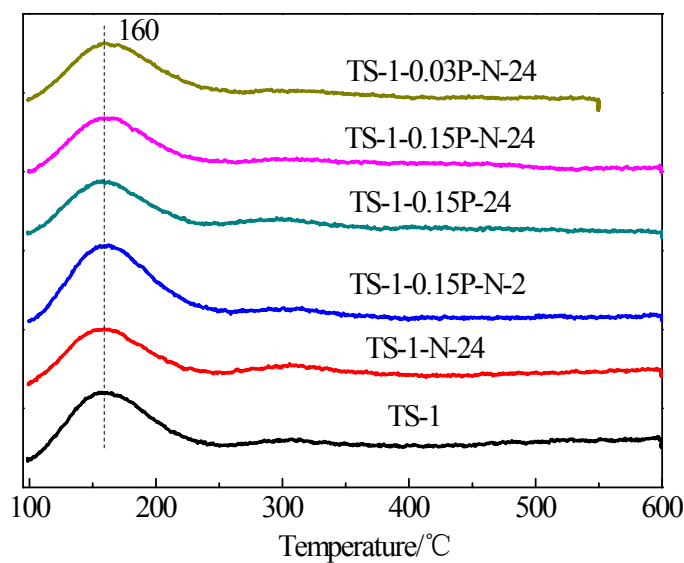


Figure 2 The NH₃-TPD curves of TS-1 and the modified samples

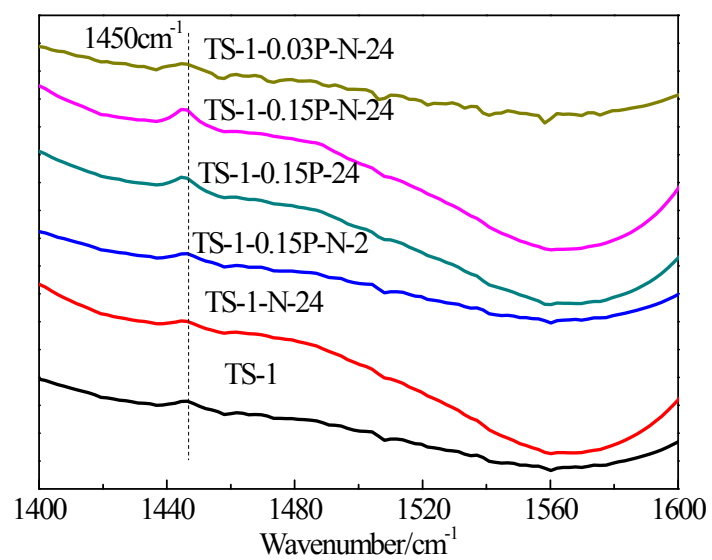


Figure 3 The NH₃-TPD curves of TS-1 and the modified sample