

**Pluronic F127-assisted partial decomposition of ammonium phosphomolybdate
and the application as efficient and recyclable catalyst for the alkylation of
toluene with benzyl alcohol**

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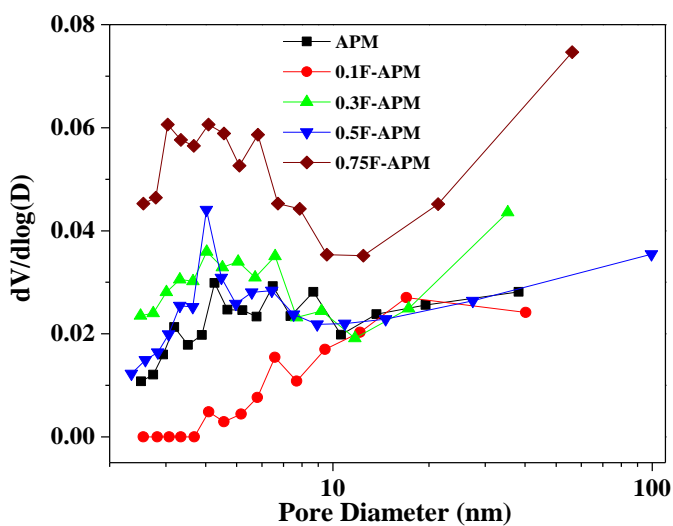


Fig. S1. Pore size distributions of the calcined samples.

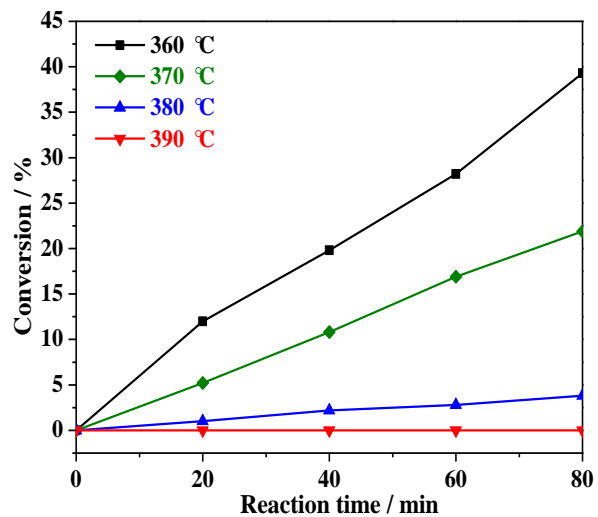


Fig. S2. Effect of calcination temperature on the catalytic performance of 0.5F-APM.

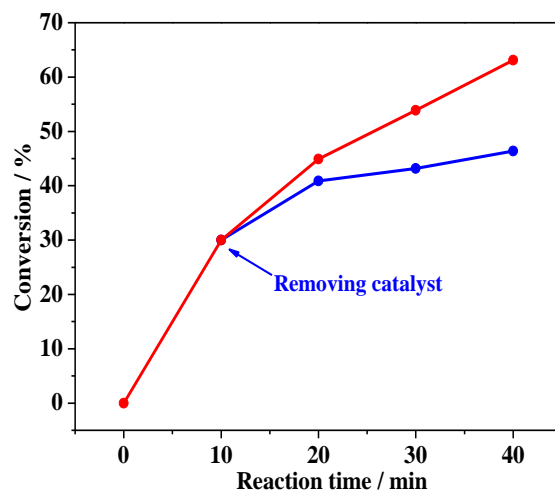


Fig. S3. Leaching test of H₂APM for the alkylation of toluene with benzyl alcohol.

Reaction conditions: 25 mg catalyst, 10 mL toluene, 2.4 mmol benzyl alcohol, 90 °C.