

ABSTRACT

The present disclosure relates to an adsorbent composition, and a preparation method therefor and an application thereof. The adsorbent
5 composition in accordance with the present disclosure comprises molecular sieves, hydrated alumina and alumina. The adsorbent composition in accordance with the present disclosure has a considerable adsorption capacity, is easy to regenerate, has excellent compressive strength, and does not have substantial adsorption heat release, and thereby is
10 particularly suitable for removing polar compounds from low-carbon olefins.

FIG.1