

ABSTRACT

A composition for a catalytic cracking catalyst, a catalytic cracking catalyst, and a preparation method therefor and the use thereof. The composition comprises: a rare-earth-modified Y-type molecular sieve, a binder, a matrix material, a rare earth element source, and optionally an REUSY molecular sieve, wherein the content of SO_4^{2-} is not greater than 1wt% in the rare-earth-modified Y-type molecular sieve. A catalytic cracking catalyst prepared by using the composition has the characteristics of a high activity, desirable stability, strong heavy oil conversion capability, good heavy metal resistance and low green coke.

[No figure to accompany]