

ABSTRACT

The invention relates to a catalytic cracking catalyst and a preparation process thereof, wherein the catalyst contains a molecular sieve and an
5 alumina substrate material, and the alumina substrate material has a crystalline phase structure of γ -alumina; wherein based on the volume of pores with a diameter of 2-100nm, the pore volume of the pores with a diameter of 2-5nm accounts for 0-10%, the pore volume of the pores with a diameter of more than 5nm and not more than 10nm accounts for 10-25%,
10 and the pore volume of the pores with a diameter of more than 10nm and not more than 100nm accounts for 65-90%.