

Abstract

The present invention provides a rare earth-containing Y zeolite, having at least two mesopore pore-size distributions at 2-3 nanometers and 3-4 nanometers. The present invention also provides a catalytic cracking catalyst. When used in the catalytic cracking of heavy oil, the catalytic cracking catalyst provided by the present invention has excellent heavy oil conversion ability, higher gasoline yield, and lower coke selectivity.

Figure 1