

[Designation of Document] Abstract

[Abstract]

[Problem] To provide an ADDITIVE FOR FLUID CATALYTIC CRACKING CATALYST, which is capable of increasing the efficiency of heavy oil fraction cracking and suppressing an increase in the yield of coke.

[Means for Resolution] An ADDITIVE FOR FLUID CATALYTIC CRACKING CATALYST obtainable by spray-drying a mixed slurry including a binder and alumina-silica. The additive has a specific surface area of 100 to 400 m<sup>2</sup>/g and a total solid acid amount of 0.10 mmol/g or more and less than 0.50 mmol/g. It is preferable that the proportion of strong acid based on the total solid acid amount is 20% or less. Further, it is preferable that the proportion of alumina-silica in the mixed slurry is 20 mass% or more and less than 80 mass%. In addition, it is preferable that the alumina-silica has a silica content of more than 0 mass% and less than 10 mass%.

[Selected Drawing] None