

SELECTIVE CATALYSTS HAVING SILICA SUPPORTS FOR NAPHTHA HYDRODESULFURIZATION

Abstract

A method for hydrodesulfurizing FCC naphtha is described. More particularly, a Co/Mo metal hydrogenation component is loaded on a silica or modified silica support in the presence of organic ligand and sulfided to produce a catalyst which is then used for hydrodesulfurizing FCC naphtha. The silica support has a defined pore size distribution which minimizes olefin saturation.

Figure 9