

ABSTRACT OF THE DISCLOSURE**PROCESS FOR SELECTIVELY PRODUCING LIGHT OLEFINS IN A
FLUID CATALYTIC CRACKING PROCESS**

A process for selectively producing C_2 - C_4 olefins from a catalytically cracked or thermally cracked naphtha stream. The naphtha stream is contacted with a catalyst containing from about 10 to 50 wt.% of a crystalline zeolite having an average pore diameter less than about 0.7 nanometers at reaction conditions which include temperatures from about 500 to 650° C and a hydrocarbon partial pressure from about 10 to 40 psia.



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