

CATALYST FOR METATHESIS OF ETHYLENE AND 2-BUTENE AND / OR DOUBLE BOND ISOMERIZATION

ABSTRACT

A process for the double-bond isomerization of olefins is disclosed. The process may include contacting a fluid stream comprising olefins with a fixed bed comprising an activated basic metal oxide isomerization catalyst to convert at least a portion of the olefin to its isomer. The isomerization catalysts disclosed herein may have a reduced cycle to cycle deactivation as compared to conventional catalysts, thus maintaining higher activity over the complete catalyst life cycle.

(FIG. 1)