

AROMATIC ISOMERIZATION CATALYST

ABSTRACT

One exemplary embodiment can be a catalyst for a C8 aromatic isomerization
5 process. The catalyst can include:

1 – 90%, by weight, of a zeolite including an MTW zeolite;

10 – 99%, by weight, of a binder including a gamma-alumina, the gamma-
alumina being derived from a Boehmite alumina;

0.1 – 2%, by weight, of a noble metal, calculated on an elemental basis; and

10 at least one alkali metal wherein a total alkali metal content of the catalyst is at
least 100 ppm, by weight, calculated on an elemental basis. Generally, the catalyst has a pore
volume distribution and at least 70% of a pore volume of the catalyst is defined by pores
having a diameter greater than 100 Å.

15 Figure 1 accompanies the abstract.